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Annual Statistical Review 1981

DISTILLED SPIRITS INDUSTRY

GIN	9.5%
CORDIALS	8.5%
RUM	7.0%
BRANDY	4.6%
COCKTAILS	1.8%
TEQUILA	1.7%

DISTILLED SPIRITS
COUNCIL OF THE
UNITED STATES

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Annual Statistical Review 1981

DISTILLED SPIRITS INDUSTRY

Compiled and Prepared by
Economics and Statistics
Division
Distilled Spirits Council
of the United States, Inc.

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PREFACE

This *Annual Statistical Review of the Distilled Spirits Industry* continues the series of statistics that have been published annually since 1940 on distillation, bottling, foreign trade, marketing, consumption, local option changes, taxes paid, and other data. The *Review* is published to facilitate formulation of public and corporate policies and programs.

The distilled spirits industry contributes substantially to the United States economy by the production and marketing of its goods and by the employment, payrolls, and other income that it generates. Distilled spirits and other alcohol beverages provided direct employment to the full-time equivalent of 826,000 people. Payrolls and profits totaled $15.3 billion (1980). In addition, goods and services used in the production and marketing of spirits and other alcohol beverages contributed to the economy including, among other goods and services, grains, fruit, molasses, bottles, barrels, paperboard, transportation, and advertising.

Through taxes levied on its products, the distilled spirits industry collected revenues for Federal, state, and local governments of $6.8 billion in 1981 or 59 percent of the $11.5 billion collected from all alcohol beverages.

Contributions of distilled spirits to the United States economy could be jeopardized if discriminatory and punitive restrictions and taxes hamper the industry from fulfilling its economic and social function of meeting public demand for responsible consumption of spirits.

F. A. Meister
President

FOREWORD

Relatively stable conditions prevailed generally in the U.S. distilled spirits industry in 1981. Apparent consumption was almost unchanged from 1980. However, with total population 0.94 percent greater than 1980, *per capita* consumption in 1981 fell one percent in contrast to the almost unchanged per capita consumption of recent years and the rising consumption of earlier years.

The implications for potential Federal, state, and local revenues of recent consumption trends can be illustrated by the estimated $68,000,000 that would be lost to government revenues from reduced collections of excise and other taxes for each one percent decline of distilled spirits consumption, if consumption were to decline in the future. Lower production and sales would also result in reduced income and other tax revenues derived from payrolls, profits, and similar tax sources related to the industry

Class and Type Changes

Spirits entering trade channels increased by 3.5 percent in 1981, more than keeping pace with population growth. Imports were higher by 2.2 percent and bottling by 2.9 percent. These increases were followed by substantial declines in the first half of 1982.

Some classes and types of spirits experienced considerable change in 1981. Supplies of rum, brandy, and tequila entering trade channels continued to increase, i.e., by 10.1 percent, 14.3 percent, and 9.2 percent respectively over 1980. The new cream cordials made especially impressive gains with cordials as a group rising 3.2 percent. Whiskey reversed the downward trend of recent years with supplies entering trade channels increasing 2.4 percent; a large increase of bourbon more than offset a drop for blended whiskey. Vodka gains continued, but moderated from the considerable increases of recent years, being 4.6 percent higher in 1981 than 1980. Gin was 1.2 percent higher. On the other hand, cocktails and mixed drinks continued to decrease by 17.4 percent from 1980.

These and other trends are shown by the statistics in this, the thirty-second issue of the *Annual Statistical Review*, prepared by the Economics and Statistics Division of the Distilled Spirits Council of the United States, Inc. (DISCUS). The *Review* updates statistical series on production, foreign trade, distribution, consumption, regulations, and other facts about distilled spirits.

Changing Statistics

Some statistical series were interrupted in recent years because statistics were no longer issued or were not available in the form published before 1980 by the U.S. Bureau of Alcohol, Tobacco, and Firearms. The new all-in-bond system of taxation, beginning in January 1980, affected processing and withdrawal statistics so that some of these tables have been dropped from the *Review*, i.e., comparable statistics for recent years were not available.

Also, as more grain neutral spirits and alcohol have been used to produce vodka, gin, cordials, and other spirits, the earlier statistical series on production that measured only original distillation no longer has been a good measure of total production. Tables 1-3 of this and the 1980 edition of the *Review* reflect this situation. The Bureau of Alcohol, Tobacco, and Firearms and the Bureau of the Census are making efforts to include production of different liquors from grain neutral spirits and alcohol so that more complete production statistics will be available in the future.

The foregoing examples of incomplete production data demonstrate that care should be exercised in using these statistics. Similarly, statistics on apparent consumption in some states may be inflated by tourist and cross-border sales to residents of adjoining states as well as other distorting factors.

This issue of the *Review* contains for the first time a bibliography of various sources of data on distilled spirits. Also included are maps showing the location of distilleries and bottling plants in the United States. New tables include fruit used in distillation, barrels used, and cost components of a typical bottle of spirits.

Reference may be made to companion DISCUS publications for other statistics on the distilled spirits industry, particularly, *Public Revenues From Alcohol Beverages*. When possible, the DISCUS Economics and Statistics Division will be glad to provide information and assistance on the statistics and economics of the industry.

DISCUS is indebted to state, local, and Federal agencies, and their officials, for assistance in providing statistics for this *Review*.

William Kling, Director
Economics and Statistics Division

September 1982

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Figure 1. Distilleries Authorized to Operate, September 1981, by Type

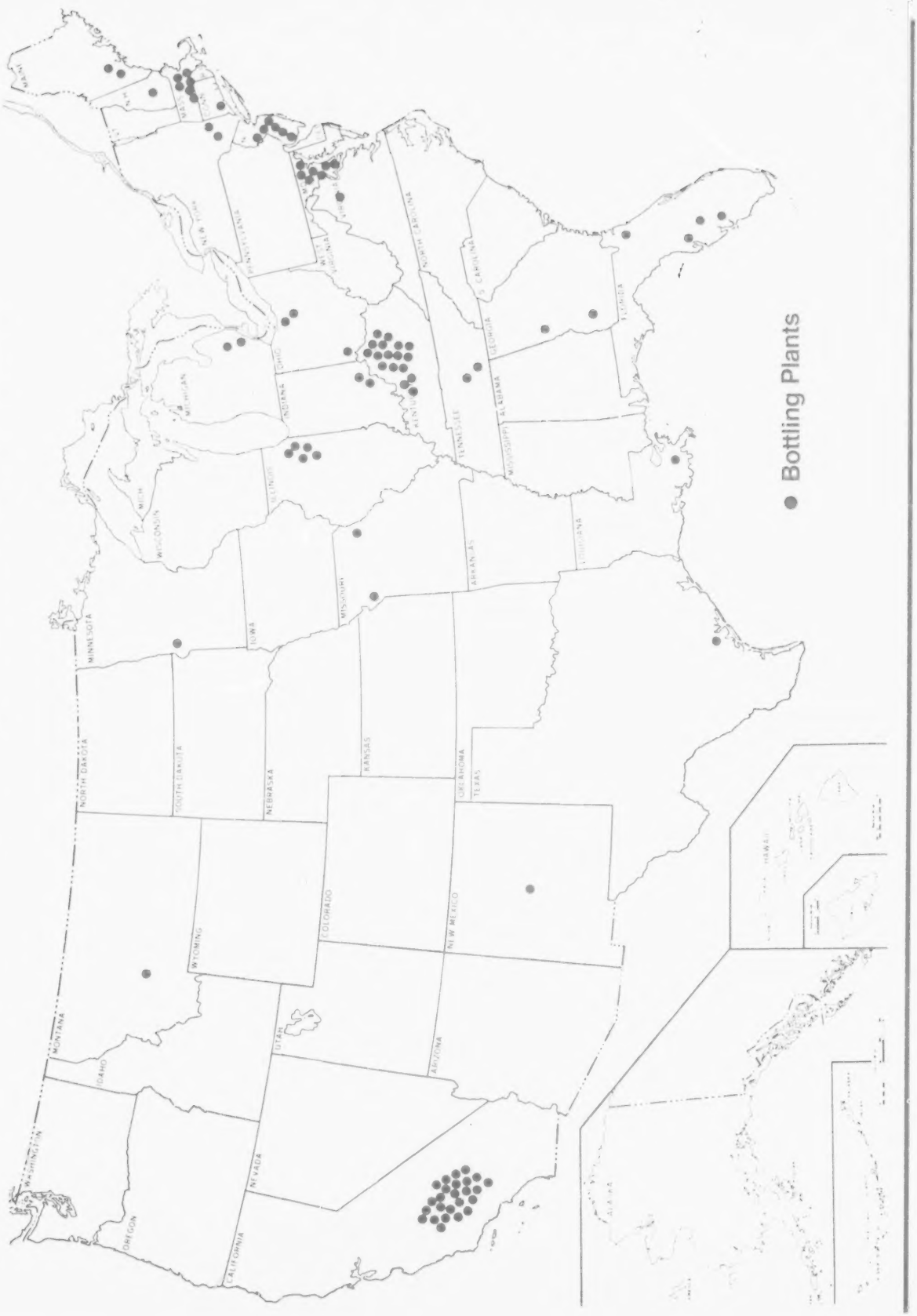

Figure 2. Distilled Spirits Bottling Plants Authorized to Operate, September 1981

DISTILLATION

The location of distilled spirits plants in the United States is shown in Figures 1 and 2. While a large number of distilled spirits plants are in California, reflecting the brandy industry there, and distilleries are scattered in other states, the largest output of spirits is in Kentucky, followed by Indiana.

As of Sept. 1, 1981, sixteen states had whiskey distilleries. Kentucky, the chief producer by far, accounted for 5 million gallons of the 12.3-million-gallon increase of distillation in 1981 over 1980 (Table 4). Indiana is the second largest producer. Tennessee's output is also substantial but is not reported separately.

Ninety-seven million proof gallons of whiskey were distilled in 1981, 14.6 percent more than 1980. Except for distillation in 1979, 1981 production was the highest since 1973. However, distillation in the last decade has been somewhat lower than in earlier periods.

Brandy distillation increased from 21.9 million proof gallons in 1980 to 24.2 million gallons in 1981 or by 10.5 percent. Distillation of rum, excluding Puerto Rico and the U.S. Virgin Islands, declined from 1.9 to 1.8 million gallons. *Puerto Rico, especially, and the U.S. Virgin Islands are chief producers.*

Considerable amounts of vodka and gin are produced from spirits and alcohol in addition to the direct distillation of gin and vodka reported by the U.S. Bureau of Alcohol, Tobacco, and Firearms shown in Table 3. Bottling of gin, vodka, and other spirits in Table 17 provides a more accurate indication of production than distillation because supplies made from alcohol and grain neutral spirits are included in addition to direct distillation.

The lowest seasonal output of whiskey is usually in the summer. The high point varies in different years (Table 5). The monthly distillation of brandy and rum in 1980 and 1981 is shown in Table 2.

Grain and Barrels Used

The use of corn, the chief grain used in distillation, as well as rye, malt, and wheat increased in 1981 compared with 1980. Sorghum declined[1].

The production of distillers' dried grains increased 1.5 percent over 1980 to 495 thousand tons in 1981 (Table 8).

The number of whiskey barrels of all sizes has declined as distillation has fallen. Use follows the trend of distillation (Table 9).

[1]Use of "other grains" appears to have declined sharply in 1981, but this is due to the omission of some grains in this category for most months of 1981 making the 1981 statistics incomplete.

Table 1. Distillation of Whiskey, Brandy, and Rum in the United States, 1934–1981

(000 Tax Gallons)

Calendar Year	Whiskey	Brandy	Rum[a]
1934	107,901	12,475	2,172
1935	184,865	18,921	2,997
1940	111,699	25,631	2,384
1945	101,627	28,996	2,766
1950	174,817	10,795	1,878
1955	120,542	7,006	1,928
1960	148,915	9,054	1,704
1961	145,601	6,870	1,793
1962	112,952	8,816	1,775
1963	104,858	10,213	2,227
1964	112,871	11,013	2,163
1965	126,878	15,881	2,426
1966	128,506	18,549	2,523
1967	153,780	15,227	992
1968	178,049	16,705	1,187
1969	169,875	14,329	903
1970	146,360	15,272	1,108
1971	119,377	13,556	1,011
1972	116,561	12,540	1,781
1973	108,393	16,606	1,162
1974	75,151	22,242	1,574
1975	59,637	20,529	795
1976	79,119	19,287	1,365
1977	80,597	18,504	1,175
1978	79,151	18,588	1,528
1979	101,265	18,552	2,206
1980	84,312	21,926	1,938
1981[b]	96,651	24,235	1,810

[a]Excludes distillation in Puerto Rico and the Virgin Islands.
[b]Preliminary.

Source: Bureau of Alcohol, Tobacco, and Firearms, U.S. Treasury Department.

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Figure 3. Distillation of Whiskey, Brandy, and Rum in the United States, 1965-1981

(Millions of Proof Gallons)

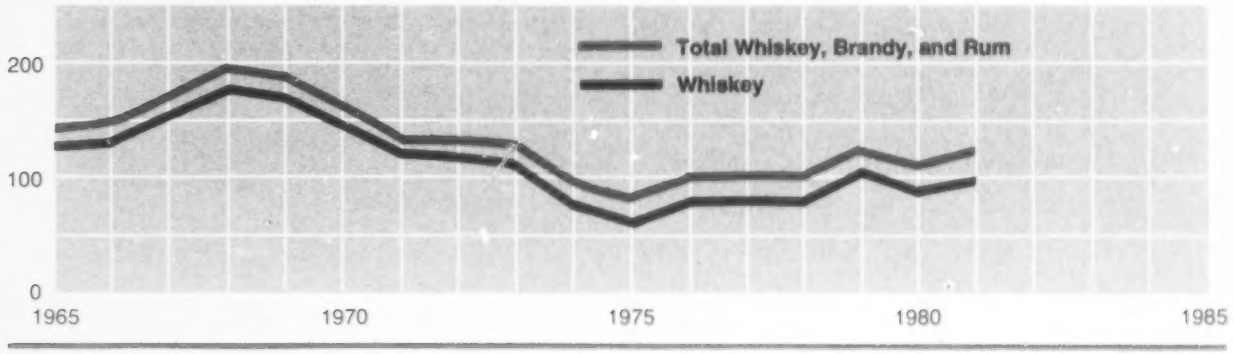

Table 2. Distillation of Whiskey, Brandy, and Rum in the United States, by Month, 1980 and 1981

(000 Tax Gallons)

	Whiskey		Brandy		Rum[a]	
Month	1981[b]	1980	1981[b]	1980	1981[b]	1980
January	7,380	6,770	3,919	3,739	88	32
February	8,129	7,628	3,334	2,542	54	26
March	12,419	9,535	1,840	1,230	93	39
April	10,640	10,296	1,005	697	76	84
May	8,436	9,482	831	772	179	244
June	7,376	7,854	1,302	264	319	344
July	3,679	2,720	809	256	42	227
August	4,657	4,448	753	307	126	120
September	6,917	5,095	2,063	940	96	115
October	8,804	6,747	2,582	4,209	282	209
November	9,135	6,154	2,726	3,003	130	400
December	9,078	7,582	3,073	3,967	325	98
Total	**96,651**	**84,312**	**24,235**	**21,926**	**1,810**	**1,938**

NOTE: Because of rounding, detail may not add to total.
[a]Excluding distillation in Puerto Rico and the U.S. Virgin Islands.
[b]Preliminary.
Source: Bureau of Alcohol, Tobacco, and Firearms, U.S. Treasury Department.

Table 3. Direct Distillation (Partial Production[a]) of Gin and Vodka in the United States, 1934–1981

(000 Tax Gallons)

Calendar Year	Gin	Vodka	Calendar Year	Gin	Vodka
1934	4,704	—	1968	26,592	15,795
1935	5,899	—	1969	27,737	17,210
1940	5,250	—	1970	27,371	22,180
1945	5,544	—	1971	27,114	22,216
1950	6,073	57	1972	27,640	25,269
1955	18,200	4,514	1973	27,133	29,776
1960	18,018	9,242	1974	27,235	36,350
1961	19,904	10,018	1975	28,333	34,941
1962	21,422	9,880	1976	25,679	34,967
1963	22,174	10,589	1977	26,328	32,708
1964	25,387	11,504	1978	28,530	38,813
1965	26,198	13,680	1979	27,293	37,369
1966	27,181	14,383	1980[b]	18,952	13,399
1967	27,352	14,415	1981	18,928	10,308

[a]These data do not include amounts of gin and vodka produced from alcohol and spirits. Direct distillation is an incomplete measure of production; bottling is probably a better measure of production of these two categories (See Table 17).
[b]Data for 1980 are affected by the shift to the all-in-bond system, which may have resulted in some distortions.

Table 4. Whiskey Distillation in the United States by State, 1980 and 1981

(000 Tax Gallons)

State	1981[a] 160° & Under	1981[a] Over 160°	1981[a] Total	1980 Total	Gallonage Change	Percentage Change
Florida	16	—	16	—	16	—
Georgia	114	−1	113	174	−61	−35.1
Illinois	845	—	845	—	845	—
Indiana	2,760	10,848	13,608	12,198	1,410	11.6
Kentucky	57,685	422	58,107	53,056	5,051	9.5
Maryland	178	2,014	2,192	2,387	−195	−8.2
Massachusetts	—	272	272	—	272	—
Missouri	104	—	104	33	71	215.2
Pennsylvania	—	—	—	142	−142	−100.0
Virginia	268	—	268	—	268	—
Other States[b]	20,940	186	21,126	16,321	4,805	29.4
Total	**82,910**	**13,741**	**96,651**	**84,312**	**12,339**	**14.6**

NOTE: Because of rounding, detail may not add to total.
[a] Preliminary.
[b] Includes Connecticut, Hawaii, Kansas, Mississippi, Montana, New Mexico, Tennessee, and Wisconsin.
Source: Bureau of Alcohol, Tobacco, and Firearms, U.S. Treasury Department.

Table 5. Whiskey Distillation in the United States by Month, 1970–1981

(000 Tax Gallons)

Month	1970	1971	1972	1973	1974	1975
January	15,298	12,687	12,865	10,470	8,634	3,348
February	14,956	12,958	12,280	10,999	8,160	3,793
March	15,608	13,418	13,372	11,887	8,322	4,412
April	15,211	10,473	11,309	11,178	8,817	5,474
May	12,846	8,540	12,108	11,931	9,513	5,131
June	10,148	6,851	9,890	10,777	8,001	4,098
July	9,121	6,579	4,717	5,336	2,898	2,419
August	7,156	5,859	3,626	6,610	3,107	1,222
September	10,373	8,557	6,617	6,954	4,380	5,412
October	12,198	10,791	9,319	6,768	5,566	8,395
November	11,154	11,410	10,515	7,939	3,947	7,869
December	12,291	11,254	9,944	7,543	3,803	8,064
Total	**146,360**	**119,377**	**116,561**	**108,393**	**75,151**	**59,637**

Month	1976	1977	1978	1979	1980	1981
January	6,425	5,807	5,252	8,441	6,770	7,380
February	6,633	6,706	5,399	8,853	7,628	8,129
March	8,561	7,848	5,450	11,055	9,535	12,419
April	9,081	7,785	6,393	10,984	10,296	10,640
May	7,690	8,137	7,774	11,731	9,482	8,436
June	7,407	8,084	6,854	10,981	7,854	7,376
July	3,764	6,143	3,087	3,951	2,720	3,679
August	4,659	6,172	6,055	5,691	4,448	4,657
September	5,915	6,161	7,365	6,751	5,095	6,917
October	7,459	6,990	8,377	8,677	6,747	8,804
November	6,162	5,654	9,211	7,566	6,154	9,135
December	5,364	5,110	7,935	6,584	7,582	9,078
Total	**79,119**	**80,597**	**79,151**	**101,265**	**84,312**	**96,651**

NOTE: Because of rounding, detail may not add to total.
Source: Bureau of Alcohol, Tobacco, and Firearms, U.S. Treasury Department.

Table 6. Grain and Grain Products Used in the United States by the Distilled Spirits Industry, by Type of Grain, 1981[a]

Month	Corn	Rye	Malt	Wheat	Sorghum	Other Grains	Total	
	Thousands of Pounds						000 Pounds	000 Bushels[b]
January	136,646	11,639	10,483	13,739	11,137	576	184,220	3,290
February	127,796	13,351	9,660	13,057	15,416	547	179,826	3,211
March	165,118	14,524	11,753	13,262	21,222	553	226,432	4,043
April	155,376	13,884	11,324	13,533	19,028	564	213,708	3,816
May	125,101	13,406	10,536	13,877	21,307	509	184,737	3,299
June	100,884	7,065	8,117	12,256	21,315	427	150,064	2,680
July	89,201	4,151	5,170	12,232	19,974	480	131,208	2,343
August	115,102	4,510	6,073	12,285	20,723	486	159,179	2,842
September	125,043	7,760	7,956	11,512	22,925	486	175,682	3,137
October	146,801	12,666	10,380	11,224	21,977	9,929	212,976	3,803
November	115,684	11,532	9,784	10,491	22,987	9,826	180,305	3,220
December	142,780	10,762	8,709	8,408	25,512	7,883	204,054	3,644
Total	**1,545,532**	**125,251**	**109,945**	**145,876**	**243,523**	**32,264**	**2,202,391**	**39,328**
Bushels[b] (000)	**27,599**	**2,237**	**1,963**	**2,605**	**4,349**	**576**		**39,328**

NOTE: Because of rounding, detail may not add to total.
[a]Preliminary.
[b]Bushel equivalents converted at 56 pounds/bushel.
Source: Bureau of Alcohol, Tobacco, and Firearms, U.S. Treasury Department.

Table 7. Grain and Grain Products Used in the United States by the Distilled Spirits Industry, by Type of Grain, 1946–1981

Calendar Year	Corn	Rye	Malt	Wheat	Sorghum	Other Grains	Total	
	Thousands of Pounds						000 Pounds	000 Bushels[b]
1946	1,513,687	167,569	338,159	70,532	212,297	51,463	2,353,706	42,030
1950	2,221,351	384,247	370,657	39,667	237,851	50	3,253,823	58,104
1955	1,341,328	259,266	198,224	10,911	111,289	—	1,921,017	34,304
1960	1,707,043	310,176	253,088	25,557	305,071	—	2,600,934	46,445
1961	2,055,739	274,657	242,462	29,793	138,205	3,656	2,744,514	49,009
1962	1,804,654	222,657	199,519	45,980	82,640	618	2,356,069	42,073
1963	1,494,122	201,128	191,088	46,618	151,928	1,183	2,086,067	37,251
1964	1,542,342	213,181	202,677	48,293	190,110	5,776	2,202,380	39,328
1965	1,550,808	226,546	209,397	54,103	194,830	5,634	2,241,318	40,024
1966	1,614,701	254,535	224,601	64,075	155,614	18,876	2,332,401	41,650
1967	1,954,554	268,699	244,075	58,981	171,527	2,187	2,700,023	48,215
1968	1,907,792	260,658	230,954	62,728	153,919	2,851	2,618,901	46,766
1969	1,808,869	254,799	223,968	84,410	188,367	30,903	2,591,316	46,274
1970	1,646,463	221,194	181,573	47,178	185,258	12,785	2,294,453	40,972
1971	1,322,191	175,057	151,905	44,715	210,293	5,341	1,909,503	34,098
1972	1,367,453	158,996	140,834	50,080	246,070	326	1,963,760	35,067
1973	1,803,333	173,574	136,432	50,207	93,961	2,147	2,259,654	40,351
1974	1,625,352	105,688	104,244	67,710	161,610	—	2,064,604	36,868
1975	926,539	97,435	77,247	88,769	169,339	3,477	1,362,807	24,336
1976	1,128,255	107,546	87,181	119,361	161,049	5,845	1,609,236	28,736
1977	1,138,728	112,359	98,555	126,057	156,195	25,383	1,657,277	29,594
1978	1,147,204	107,087	93,541	91,909	221,782	129,870	1,791,493	31,991
1979	1,331,350	127,791	108,781	108,595	245,283	334,528	2,256,327	40,292
1980	1,394,550	109,429	91,828	140,980	251,689	660,629	2,649,105	47,305
1981[a]	1,545,532	125,251	109,945	145,876	243,523	32,264	2,202,391	39,328

NOTE: Because of rounding, detail may not add to total.
[a]Preliminary.
[b]Bushel equivalents converted at 56 pounds/bushel.
Source: Bureau of Alcohol, Tobacco, Firearms, U.S. Treasury Department.

Table 8. U.S. Production of Distillers' Dried Grains, 1946–1981

(000 Short Tons)

Calendar Year	Dark Grains	Light Grains	Dried Solubles[a]	Total
1946	83.4	135.9	111.2	330.5
1950	232.7	131.0	121.4	485.1
1955	138.0	75.6	54.2	267.8
1960	265.2	36.2	52.8	354.2
1961	289.9	30.6	61.0	381.5
1962	273.9	30.4	48.1	352.4
1963	317.2	26.5	21.9	365.6
1964	355.1	22.3	20.0	397.4
1965	367.3	22.1	20.0	409.4
1966	363.0	28.0	20.8	411.8
1967	398.4	30.3	21.0	449.7
1968	398.2	28.3	15.2	441.6
1969	394.8	32.9	10.5	438.3
1970	386.9	31.7	—	418.4
1971	360.7	17.2	—	378.3
1972	385.1	13.9	—	399.0
1973	431.4	8.8	—	440.3
1974	428.1	11.0	—	439.1
1975	344.6	8.0	—	352.6
1976	371.2	12.0	—	383.4
1977	375.8	11.5	—	387.2
1978	410.5	8.7	—	419.5
1979	501.3	10.5	—	509.7
1980	484.3	4.1	—	488.4
1981	491.9	3.9	—	495.8

NOTE: Because of rounding, detail may not add to total.
[a]Dried solubles included with dark grains after 1969.

Source: Agricultural Marketing Service, Grain Division, U.S. Department of Agriculture.

Table 9. Shipments of Whiskey Barrels in the United States, 1933–1981

Year	Whiskey Barrels (All Sizes)	Year	Whiskey Barrels (All Sizes)
1933	239,717	1961	2,458,191
1934	1,515,017	1962	1,986,209
1935	2,708,836	1963	1,714,197
		1964	2,025,012
1936	3,999,404	1965	2,140,166
1937	2,858,328		
1938	1,809,983	1966	2,222,259
1939	1,711,013	1967	2,598,210
1940	2,203,344	1968	2,371,058
		1969	2,274,992
1941	2,688,087	1970	1,937,500
1942	1,424,576		
1943	296,071	1971	1,575,316
1944	543,551	1972	1,536,785
1945	972,756	1973	1,526 894
		1974	1,170,716
1946	2,157,973	1975	1,104,086
1947	2,138,067		
1948	2,994,086	1976	1,149,893
1949	2,061,254	1977	1,186,396
1950	2,959,500	1978	1,201,793
		1979	1,375,668
1951	2,582,623	1980	1,146,450
1952	1,186,641		
1953	1,725,714	1981	1,286,980
1954	1,836,660		
1955	2,013,879		
1956	2,225,734		
1957	2,184,402		
1958	2,135,058		
1959	2,310,711		
1960	2,568,932		

Source: Cooperage Industries of America, Inc.

Table 10. Fruit and Fruit Products Used in the United States by the Distilled Spirits Industry, 1955–1978

Fiscal Year	Grape	Other	Total	Grape	Other	Total
	Thousands of Pounds			Thousands of Gallons		
1955	7,237	17,654	24,891	250,403	17,692	268,095
1960	19,490	39,934	59,424	369,174	16,385	385,559
1961	24,539	38,131	62,670	346,044	15,381	361,425
1962	18,829	51,657	70,487	368,101	18,300	386,401
1963	10,353	46,025	56,378	447,047	13,232	460,278
1964	52,259	49,833	102,091	499,071	13,707	512,778
1965	7,491	44,911	52,402	396,594	23,058	419,652
1966	24,314	49,000	73,313	519,530	17,585	537,115
1967	10,705	49,941	60,646	421,747	43,920	465,667
1968	6,876	36,018	42,894	341,617	22,927	364,544
1969	8,390	31,735	40,125	378,315	27,800	406,115
1970	10,020	33,951	43,971	402,903	24,953	427,855
1971	8,322	31,985	40,307	318,371	31,543	349,914
1972	11,982	41,261	53,243	701,884	25,428	727,313
1973	22,157	34,060	56,217	261,508	25,347	286,855
1974	28,024	32,027	60,051	616,327	32,975	649,302
1975	31,623	28,908	60,531	740,102	35,717	775,819
1976	22,419	24,929	47,348	353,904	58,004	411,908
1977	16,351	40,823	57,174	284,266	67,105	351,371
1978	41,187	18,328	59,515	288,834	48,711	337,545

NOTE: Because of rounding, detail may not add to total.

Source: Bureau of Alcohol, Tobacco, and Firearms, U.S. Treasury Department.

STOCKS AND WITHDRAWALS

Combined stocks of domestic distilled spirits and imported bulk spirits in bonded storage on Dec. 31, 1981, were 613.8 million proof gallons, a decrease of 1.5 percent from 1980, continuing the decline of the last decade, especially for whiskey. Whiskey stocks at the end of 1981 (at 541 million gallons or 2.5 percent less than 1980) fell to the lowest levels since 1945. In contrast, stocks of brandy, rum, and gin rose to peak or near-peak levels. Stocks of vodka and other spirits (miscellaneous) declined (Table 11).

Whiskey represented 88 percent of all distilled spirits in bonded storage.

Apparent whiskey usage is shown in Table 12, based on production and stock changes. (Usage is calculated from change of inventory and production in a given year.)

Stocks of distilled spirits by month in 1980 and 1981 are shown in Table 13.

Kentucky and Indiana carried the bulk of whiskey stocks. Stocks held in different states are shown in Table 14 and Figure 4.

Withdrawals

Taxable withdrawals of all spirits from bonded premises decreased 1.6 percent in 1981 from 1980 (Table 15).

Tax-free withdrawals amounted to 64.7 million proof gallons in 1981, 2.0 percent greater than 1980 (Table 16).

Tax-free withdrawals for export vessels and aircraft and tax-free transfers increased 31.3 percent to 32.2 million gallons. Tax-free spirits added to wine dropped 18.4 percent to 28.0 million gallons.

Statistics on withdrawals broken down by *class of spirit* are no longer published by the U.S. Bureau of Alcohol, Tobacco, and Firearms so that it has not been possible to update this series of statistics. An indication of movement for the different classes of spirits similar to withdrawals may be obtained in Tables 24 and 25, *Spirits Entering Trade Channels*.

Figure 4. United States Stocks of Distilled Spirits at Year End, 1965-1981
(Millions of Proof Gallons)

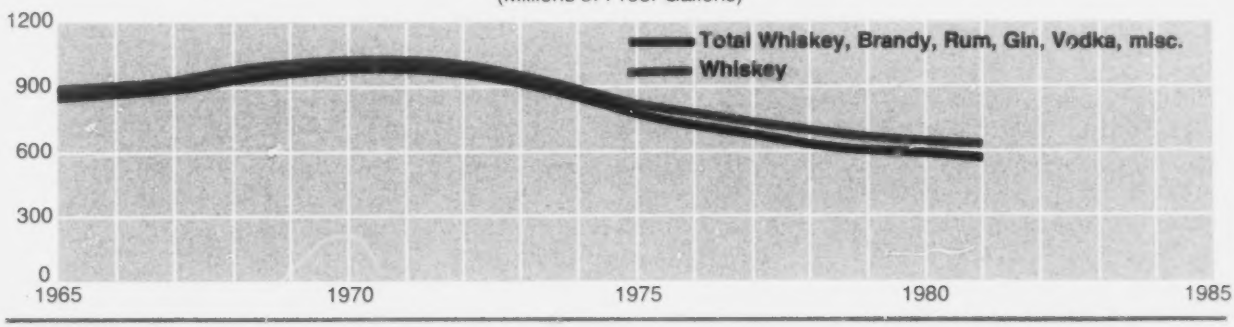

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Table 11. Stocks of Distilled Spirits at Distilleries in the United States by Class, Year End, 1934–1981

(000 Proof Gallons)

Year End	Total	Whiskey	Brandy	Rum	Gin	Vodka	Miscellaneous[a]
1934	98,028	91,630	4,724	1,135	394	—	146
1935	215,518	207,154	5,388	2,501	335	—	141
1940	522,723	479,102	17,690	3,468	203	—	22,259
1945	380,534	341,235	13,489	2,049	474	—	23,287
1950	795,295	694,209	11,864	2,286	929	19	85,988
1955	840,648	724,706	14,462	988	1,443	201	98,847
1960	840,364	815,499	22,630	1,030	1,002	202	—
1961	874,590	850,128	22,278	1,066	756	362	—
1962	876,000	850,473	23,317	1,096	956	157	—
1963	869,996	842,399	25,118	1,437	884	158	—
1964	862,416	832,183	27,221	1,809	1,056	146	—
1965	872,900	835,853	33,422	2,167	1,226	232	—
1966	880,555	835,464	41,003	2,737	1,060	290	—
1967	904,575	856,664	43,589	2,546	1,500	277	—
1968	956,440	904,352	47,674	2,549	1,524	341	—
1969	991,418	938,457	48,255	2,445	1,549	690	22
1970	1,008,545	954,583	49,028	2,265	1,775	833	62
1971	996,618	945,799	45,741	2,335	1,617	1,053	73
1972	971,705	924,410	41,138	2,907	2,140	1,002	108
1973	939,696	892,998	40,859	2,798	2,016	816	208
1974	875,754	822,110	45,619	2,934	2,511	2,276	304
1975	793,871	737,393	49,206	2,544	2,609	1,761	358
1976	752,854	692,343	51,288	2,780	2,977	2,901	565
1977	706,685	649,003	51,541	1,850	2,139	1,619	533
1978	662,509	600,615	50,879	2,582	3,258	4,488	686
1979	645,671	581,159	51,984	4,141	2,791	4,768	828
1980	623,257	554,883	55,762	5,154	2,749	4,104	605
1981[b]	613,764	541,067	61,821	5,990	3,069	1,274	542

NOTE: Actual gallons in inventory may differ because of differences between original entry volume and final determination of volume, especially for domestic spirits. Also, imported stocks held in U.S. Customs bonded warehouses not included. Because of rounding, detail may not add to total.

[a] Consists of spirits, 1934–1955. After 1958 spirits were reported by BATF under "Alcohol and Spirits." From 1969, consists of "Miscellaneous imports of distilled spirits."

[b] Preliminary.

Source: Bureau of Alcohol, Tobacco, and Firearms, U.S. Treasury Department.

Table 12. Apparent Whiskey Stocks, Distillation, and Usage, 1935–1981

(000 Tax Gallons)

Calendar Year	Inventory as of Jan. 1	Production During Year	Inventory as of Dec. 31	Apparent Whiskey Usage
1935	91,630	184,865	207,154	69,341
1940	465,025	111,699	479,102	97,622
1945	317,413	101,627	341,235	77,805
1950	610,341	174,817	694,209	90,949
1955	707,355	120,542	724,706	103,191
1960	779,443	148,915	815,499	112,859
1961	815,499	142,134	850,128	107,506
1962	850,128	112,950	850,473	112,605
1963	850,473	104,858	842,399	112,932
1964	842,399	112,871	832,183	123,086
1965	832,183	126,878	835,853	123,209
1966	835,853	128,497	835,465	128,885
1967	835,464	153,768	856,664	132,568
1968	856,664	178,049	904,352	130,362
1969	904,352	169,875	938,457	135,771
1970	938,457	146,361	954,583	130,235
1971	954,583	119,410	945,799	128,194
1972	945,799	116,561	924,410	137,950
1973	924,410	108,384	892,998	139,795
1974	892,998	75,150	822,110	146,039
1975	822,110	60,067	737,393	144,783
1976	737,393	79,111	692,343	124,162
1977	692,343	80,597	649,003	123,937
1978	649,003	79,102	600,615	127,491
1979	600,615	101,267	581,159	120,723
1980	581,159	84,312	554,883	110,588
1981[a]	554,883	96,651	541,067	110,467

NOTE: Because of rounding, detail may not add to total.
[a]Preliminary.

Source: Bureau of Alcohol, Tobacco, and Firearms, U.S. Treasury Department.

Table 13. Stocks of Distilled Spirits in Bonded Storage at Distilleries in the United States by Class, Month End, 1980 and 1981

(000 Proof Gallons)

	Whiskey 160° and Under		Whiskey Over 160°		Brandy		Rum	
Month End	1981[a]	1980	1981[a]	1980	1981[a]	1980	1981[a]	1980
January	478,620	500,706	74,891	77,729	49,813	53,253	4,693	4,119
February	478,483	502,683	74,984	77,532	59,489	55,516	4,767	4,169
March	481,049	502,295	75,608	77,718	59,981	55,222	5,234	3,960
April	482,564	504,120	75,762	77,844	60,575	55,211	5,062	2,907
May	483,547	506,157	75,220	77,923	51,004	52,737	5,440	2,659
June	482,003	507,241	73,784	78,117	68,813	51,636	5,422	2,800
July	479,465	499,858	71,803	76,881	57,651	52,228	5,800	2,570
August	475,467	495,800	71,724	76,438	57,211	51,071	7,539	2,740
September	471,992	489,914	71,611	75,692	58,496	50,356	5,032	3,231
October	469,070	484,327	70,986	75,282	59,203	48,089	5,052	3,295
November	467,817	481,270	67,281	74,787	59,883	59,651	5,839	4,258
December	468,938	480,321	72,129	74,563	61,821	55,762	5,990	5,154

	Gin		Vodka		Miscellaneous		Total	
Month End	1981[a]	1980	1981[a]	1980	1981[a]	1980	1981[a]	1980
January	2,756	2,923	4,216	4,898	594	543	615,582	644,172
February	3,014	3,167	4,459	5,316	577	595	625,773	648,978
March	3,180	3,036	4,196	5,373	541	497	629,789	648,101
April	3,200	3,187	4,506	5,365	535	675	632,204	649,309
May	3,190	3,363	4,946	5,450	588	743	623,934	649,032
June	3,089	3,369	4,258	5,195	476	727	637,846	649,085
July	2,710	2,866	3,379	4,548	456	748	621,264	639,699
August	2,765	2,945	2,704	3,929	594	509	618,003	633,431
September	2,920	2,742	2,146	3,535	548	423	612,745	625,893
October	2,958	2,668	1,819	3,096	507	342	609,595	617,099
November	3,151	2,765	1,770	3,491	463	548	606,204	626,770
December	3,069	2,749	1,274	4,104	542	605	613,764	623,257

NOTE: Actual gallons in inventory may differ because of differences between original entry volume and final determination of volume, especially for domestic spirits. Also, imported stocks held in U.S. Customs bonded warehouses not included. Because of rounding, detail may not add to total.
[a]Preliminary.

Source: Bureau of Alcohol, Tobacco, and Firearms, U.S. Treasury Department.

Table 14. Whiskey Stocks in Bonded Storage in the United States, Year End by State, 1980 and 1981

(000 Proof Gallons)

State	Dec. 31 1981[a]	Dec. 31 1980	Gallonage Change	Percentage Change
California	420	454	−34	−7.4
Florida	36	32	4	11.5
Georgia	636	664	−28	−4.2
Illinois	5,696	16,722	−11,025	−65.9
Indiana	100,372	112,902	−12,531	−11.1
Kentucky	307,891	302,030	5,861	1.9
Louisiana	29	38	−9	−24.2
Maine	29	24	5	21.6
Maryland	27,834	29,275	−1,441	−4.9
Massachusetts	58	74	−17	−22.6
Michigan	—	4	−4	—
Minnesota	42	27	15	54.2
Missouri	931	856	76	8.9
New Jersey	56	224	−168	−75.2
Ohio	12,085	12,041	44	0.4
Oregon	47	38	9	24.3
Pennsylvania	12,307	14,453	−2,146	−14.8
Texas	10	7	3	37.1
Virginia	1,532	1,635	−103	−6.3
Washington	7	—	7	—
Other States[b]	71,050	63,383	7,667	12.1
Total	**541,067**	**554,883**	**−13,816**	**−2.5**

NOTE: Actual gallons in inventory may differ because of differences between original entry volume and final determination of volume, especially for domestic spirits. Also, imported stocks held in U.S. Customs bonded warehouses not included. Because of rounding, detail may not add to total.

[a] Preliminary.

[b] Includes Connecticut, Kansas, Mississippi, Montana, and Tennessee.

Source: Bureau of Alcohol, Tobacco, and Firearms, U.S. Treasury Department.

Figure 5. Whiskey Stocks in Bonded Storage in the United States at Year End, 1981

(Percentage of Total)

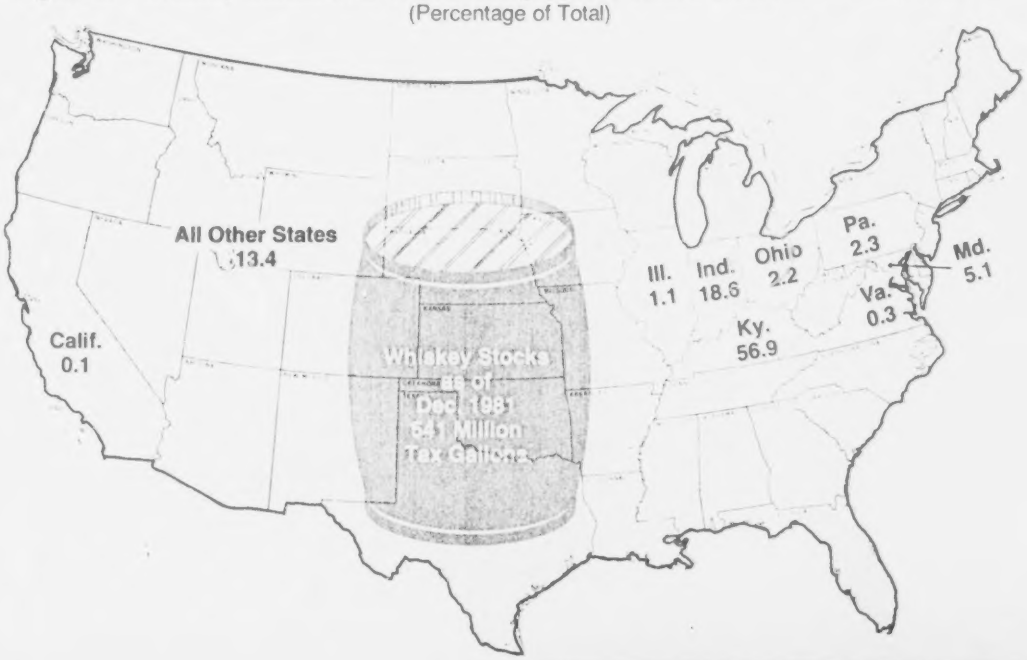

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Table 15. Taxable Withdrawals From Bonded Premises at $10.50 per Gallon 1980 and 1981

(000 Tax or Proof Gallons)

Month	Calendar Year 1981	Calendar Year 1980	Gallonage Change	Percentage Change
January	22,858	23,902	−1,045	−4.4
February	20,917	21,794	−878	−4.0
March	26,063	30,581	−4,518	−14.8
April	27,958	23,469	4,490	19.1
May	23,278	23,055	224	1.0
June	29,916	27,588	2,328	8.4
July	27,322	26,068	1,254	4.8
August	23,436	24,994	−1,558	−6.2
September	27,358	30,591	−3,233	−10.6
October	34,546	36,911	−2,365	−6.4
November	30,485	28,608	1,877	6.6
December	24,945	26,700	−1,755	−6.6
Total	**319,081**	**324,259**	**−5,179**	**−1.6**

NOTE: Because of rounding, detail may not add to total.

Source: Bureau of Alcohol, Tobacco, and Firearms, U.S. Treasury Department.

Table 16. Tax-Free Withdrawals of Distilled Spirits in the United States, by Usage, 1980 and 1981

(000 Tax or Proof Gallons)

Usage	Calendar Year 1981	Calendar Year 1980	Gallonage Change	Percentage Change
For Addition to Wine				
Brandy	313	336	−23	−6.9
Other Spirits	27,642	33,938	−6,296	−18.6
Total	**27,954**	**34,273**	**−6,319**	**−18.4**
Exports, Transfers to Customs, Manufacturer's Bonded Warehouses, Vessels, or Aircraft	32,238	24,550	7,688	31.3
U.S. Government, Hospital, Scientific, or Educational Uses (Alcohol)	4,305	4,590	−286	−6.2
Research, Development, or Testing	189	21	169	804.8
Total	**64,686**	**63,434**	**1,252**	**2.0**

NOTE: Because of rounding, detail may not add to total.

Source: Bureau of Alcohol, Tobacco, and Firearms, U.S. Treasury Department.

BOTTLING, SALES, AND SHIPMENTS

U.S. bottling of distilled spirits in 1981 increased 2.9 percent over 1980 to a total of 386 million wine gallons (Table 17).

Peak bottling is usually in the fall (Table 18). Leading bottling states by volume are Kentucky, California, New Jersey, Maryland, Indiana, and Illinois (Table 19). Figure 2 (page 2) shows the approximate location of bottling plants.

Whiskey represented 41.9 percent of all spirits bottled in 1981 and was 2.9 percent higher than 1980. Blended whiskey fell 9.5 percent, but straight whiskey (mostly bourbon) increased 13.3 percent (Tables 20 and 21).

Bottling of other distilled spirits combined also increased 2.9 percent. Gin rose 2.1 percent; vodka, 4.1 percent; brandy, 13.1 percent; rum, 5.7 percent; and tequila, 9.1 percent. Cordials and liqueurs declined 0.4 percent; cocktails and mixed drinks, 17.4 percent; and miscellaneous, 12.6 percent (Table 21).

Of whiskey bottled in 1981, straight bourbon whiskey accounted for 39.2 percent; blended whiskey, 21.9 percent; bonded, 1.4 percent; light, 2.6 percent; and blended straights, 1.1 percent (Table 20). Bulk imports bottled in the United States accounted for 33.8 percent of the total (Table 21).

Spirits entering U.S. trade channels by class and type are shown in Table 24 and Figure 10. Whiskey entering trade channels increased 2.4 percent between 1980 and 1981, reversing the downward trend of the last decade (Table 25). In contrast, non-whiskey spirits rose 61.1 percent between 1972 and 1981 and 4.4 percent between 1980 and 1981 (Table 25). Vodka was the largest single type of spirits sold in 1981 followed by straight bourbon whiskey, Canadian whisky, Scotch whisky, gin, cordials, blended whiskey, rum, brandy, and tequila, in that order.

Sales of distilled spirits by class and type in the different states are shown in Tables 22 and 23. Of note is the high preference for certain spirits in some states and other variations among states, such as the preference for brandy in Wisconsin and Minnesota and for bourbon in Southern states.

Bottle Sizes — Strip stamps, issued by the U.S. Bureau of Alcohol, Tobacco, and Firearms by bottle size, are shown in Table 26 with volume represented by these stamps shown in Table 27.

The 200 ml was the most popular size in 1981 followed by the 750-ml and one-liter bottles. In terms of volume, the one-liter size carried the greatest volume with the 1.75-ml and the 750-ml sizes in second and third places.

Mandatory conversion to metric sizes in bottling of spirits became effective in January 1980.

Table 17. Bottling of Distilled Spirits in the United States by Class, 1940–1981

(000 Wine Gallons)

Calendar Year	Total	Whiskey	Brandy	Rum	Gin	Vodka	Cordials, Liqueurs, etc.[a]	Cocktails & Mixed Drinks	Tequila	Miscellaneous & Exports
1940	136,904	116,837	1,698	709	14,159	—	3,501	—	—	—
1945	181,462	150,417	3,468	942	16,036	—	10,600	—	—	—
1950	181,595	156,355	2,498	694	15,964	386	5,697	—	—	—
1955	179,405	140,450	3,726	663	20,447	6,968	7,151	—	—	—
1960	203,302	145,114	5,300	804	22,001	19,406	10,677	—	—	—
1961	211,307	147,541	5,760	904	23,604	20,977	12,521	—	—	—
1962	219,750	150,693	6,202	1,041	24,823	23,026	13,965	—	—	—
1963	223,921	150,814	6,982	1,067	25,799	24,945	14,315	—	—	—
1964	243,145	160,895	7,594	1,541	28,957	28,162	15,995	—	—	—
1965	252,708	163,055	8,264	1,625	29,628	31,157	18,980	—	—	—
1966	271,468	173,290	9,288	1,710	31,633	34,704	20,843	—	—	—
1967	286,007	179,722	10,058	1,983	33,055	38,620	22,569	—	—	—
1968	292,758	181,214	10,335	2,181	33,265	41,297	24,467	—	—	—
1969	311,292	192,817	11,479	2,399	34,971	45,299	24,328	—	—	—
1970	313,009	190,510	11,795	2,909	35,122	50,172	22,500	—	—	—
1971	325,576	191,729	12,677	2,793	36,528	56,495	25,354	—	—	—
1972	337,759	193,335	13,046	4,325	36,735	62,845	27,473	—	—	—
1973	339,542	181,933	14,215	4,397	36,952	70,412	31,632	—	—	—
1974	353,911	180,919	13,768	6,511	36,992	79,045	30,040	—	—	6,636
1975	373,449	186,734	13,610	8,072	39,011	86,776	28,077	4,111	2,709	4,349
1976	360,758	168,254	14,711	9,500	36,924	88,591	25,702	9,640	5,821	1,615
1977	367,859	167,386	14,416	11,492	38,770	90,740	27,757	9,894	6,262	1,141
1978	392,032	174,682	14,549	15,650	38,727	94,887	33,362	12,056	6,465	1,653
1979	394,996	170,638	14,762	20,599	39,084	98,211	33,672	10,955	6,725	350
1980	374,758	156,990	13,740	20,715	37,705	94,969	32,679	10,281	7,239	441
1981[b]	385,610	161,535	15,540	21,889	38,487	98,822	32,559	8,496	7,897	385

NOTE: Because of rounding, detail may not add to total. Includes imported products bottled after withdrawal from Customs custody.

[a] Includes miscellaneous and products for export before 1974. Includes cocktails and mixed drinks before 1975.

[b] Preliminary.

Source: Bureau of Alcohol, Tobacco, and Firearms, U.S. Treasury Department.

Figure 6. Bottling of Total Distilled Spirits, Whiskey, Rum, Gin, and Vodka in the United States, 1965-1981

(Millions of Wine Gallons)

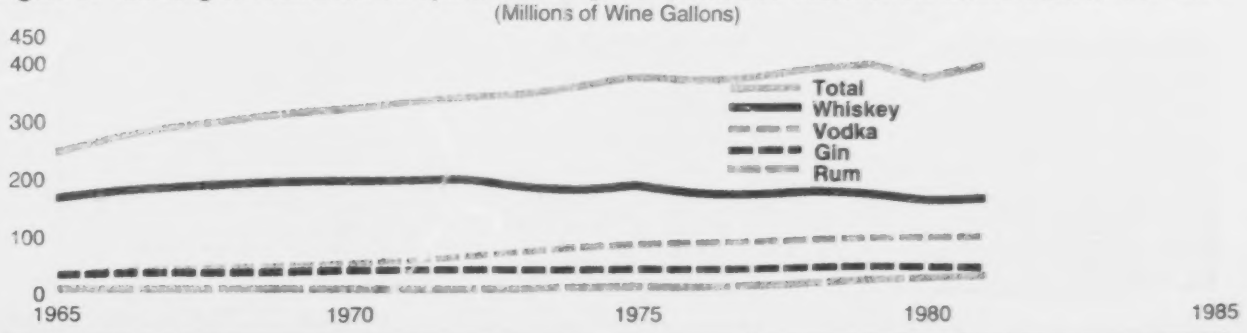

Figure 7. United States Bottling of Distilled Spirits 1980 and 1981

(Millions of Wine Gallons)

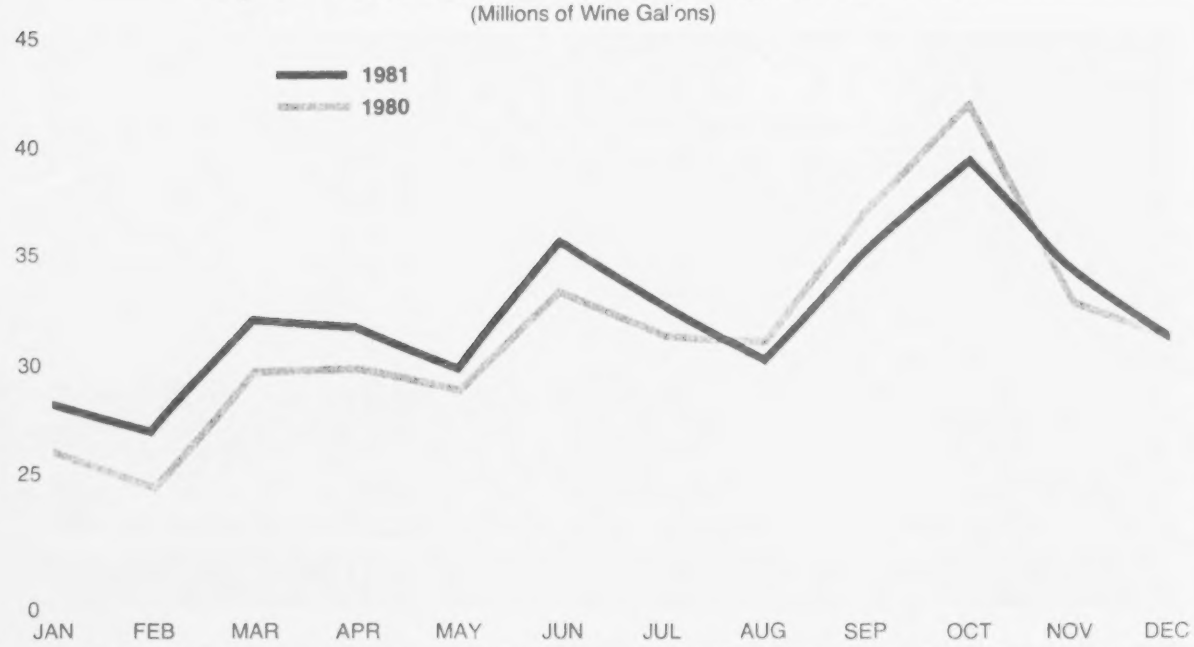

Table 18. Bottling of Distilled Spirits in the United States by Class, 1980 and 1981

(000 Wine Gallons)

	Whiskey		Brandy		Rum		Gin		Vodka	
Month	1981[a]	1980	1981[a]	1980	1981[a]	1980	1981[a]	1980	1981[a]	1980
January	11,792	10,309	1,253	972	1,410	1,800	3,137	2,307	6,672	6,549
February	11,217	10,235	1,115	955	1,484	1,284	2,481	2,237	6,785	5,755
March	13,065	13,040	1,333	1,092	1,971	1,304	3,361	2,782	8,232	7,060
April	12,490	12,112	1,248	1,020	2,113	1,327	3,743	3,025	8,155	7,968
May	12,315	12,061	1,098	922	1,277	902	3,085	2,976	8,634	8,172
June	14,958	13,358	1,363	747	1,593	2,028	3,816	3,846	9,238	9,176
July	13,185	12,391	1,239	1,112	1,708	2,500	3,512	3,286	8,807	8,384
August	12,418	12,509	1,096	1,374	1,960	2,029	3,390	3,671	7,485	7,346
September	14,709	16,039	1,208	1,196	2,131	1,496	3,500	3,444	8,746	9,117
October	18,326	18,741	1,598	1,742	2,362	2,238	3,018	3,703	8,955	9,893
November	14,956	13,690	1,621	1,268	1,757	1,955	2,814	3,104	8,595	8,017
December	12,105	12,503	1,368	1,341	2,122	1,851	2,629	3,324	8,518	7,530
Total	**161,535**	**156,990**	**15,540**	**13,740**	**21,889**	**20,715**	**38,487**	**37,705**	**98,822**	**94,969**

	Cordials & Liqueurs		Cocktails & Mixed Drinks		Tequila		Miscellaneous		Total	
Month	1981[a]	1980	1981[a]	1980	1981[a]	1980	1981[a]	1980	1981[a]	1980
January	2,461	2,504	762	768	555	577	30	35	28,073	25,821
February	2,472	2,248	741	1,085	564	439	51	30	26,910	24,267
March	2,818	2,726	565	1,119	558	564	17	14	31,920	29,700
April	2,555	2,789	566	829	720	523	24	13	31,613	29,606
May	2,107	2,272	501	741	589	618	15	19	29,621	28,684
June	2,839	2,541	803	1,085	782	580	27	15	35,419	33,376
July	2,543	1,746	765	977	761	798	22	26	32,542	31,220
August	2,337	2,695	764	702	591	521	29	136	30,071	30,984
September	3,017	3,306	834	513	770	786	74	32	34,989	35,932
October	3,562	3,734	676	940	672	576	37	43	39,206	41,611
November	3,027	3,124	713	804	743	604	37	52	34,261	32,618
December	2,820	2,993	807	719	592	654	23	25	30,984	30,940
Total	**32,559**	**32,679**	**8,496**	**10,281**	**7,897**	**7,239**	**385**	**441**	**385,610**	**374,758**

NOTE: Because of rounding, detail may not add to total. Includes imported products bottled after withdrawal from Customs custody.
[a]Preliminary.

Source: Bureau of Alcohol, Tobacco, and Firearms, U.S. Treasury Department.

Table 19. Bottling of Whiskey and Other Distilled Spirits in the United States by State, 1981

(000 Wine Gallons)

State	Whiskey[a]	Other Distilled Spirits	Total Distilled Spirits
California	14,455	43,184	57,638
Florida	46	16,949	16,995
Georgia	270	1,631	1,902
Hawaii	2	29	31
Illinois	4,453	15,900	20,353
Indiana	15,491	8,549	24,040
Kentucky	66,127	29,925	96,052
Maine	79	490	569
Maryland	11,669	13,890	25,559
Massachusetts	1,289	7,175	8,464
Michigan	3,521	13,252	16,774
Minnesota	150	1,957	2,107
Missouri	603	6,639	7,242
Montana	25	120	145
New Jersey	11,177	20,303	31,479
New York	363	1,046	1,408
Ohio	8,876	10,048	18,924
Oregon	1,357	2,702	4,060
Pennsylvania	4,478	8,695	13,173
Virginia	357	—	357
Texas	2	17	20
Other States[b]	14,470	23,848	38,319
Total	**159,260**	**226,350**	**385,610**

NOTE: Because of rounding, detail may not add to total.
[a]Excludes whiskey bottled in bond.
[b]Includes Connecticut, Louisiana, New Hampshire, New Mexico, Washington, and Wisconsin.
Source: Bureau of Alcohol, Tobacco and Firearms, U.S. Treasury Department.

Table 20. Bottling of Whiskey in the United States by Type, 1939–1981

(000 Wine Gallons)

Calendar Year	Total Whiskey Gallons (000)	Blended[a]		Bonded[b]		Straight[b,c]		Blended Straight[c,d]		Light[e]		Imported[f]	
		Gallons (000)	Percentage of Total	Gallons (000)	Percentage of Total	Gallons (000)	Percentage of Total	Gallons (000)	Percentage of Total	Gallons (000)	Percentage of Total	Gallons (000)	Percentage of Total
1939	106,993	40,301[g]	37.7	9,843	9.2	56,849	53.1	—	—	—	—	—	—
1940	116,837	46,406[g]	39.7	14,027	12.0	56,404	48.3	—	—	—	—	—	—
1945	150,417	125,657	83.5	7,392	4.9	12,053	8.0	5,315	3.6	—	—	—	—
1950	156,355	117,178	74.9	11,860	7.6	26,229	16.8	1,088	0.7	—	—	—	—
1955	140,450	81,494	58.0	12,869	9.2	44,838	31.9	1,249	0.9	—	—	—	—
1960	145,114	74,074	51.0	9,394	6.5	60,852	41.9	793	0.6	—	—	—	—
1961	147,541	73,259	49.7	8,911	6.0	61,741	41.8	888	0.6	—	—	2,743	1.9
1962	150,693	73,312	48.7	8,491	5.6	64,038	42.5	792	0.5	—	—	4,059	2.7
1963	150,814	72,304	47.9	7,993	5.3	64,449	42.7	698	0.5	—	—	5,369	3.6
1964	160,895	74,731	46.4	7,911	4.9	68,817	42.8	758	0.5	—	—	8,678	5.4
1965	163,055	74,054	45.4	7,483	4.6	69,418	42.6	577	0.4	—	—	11,523	7.0
1966	173,290	76,910	44.4	7,736	4.4	73,335	42.3	654	0.4	—	—	14,655	8.5
1967	179,722	76,373	42.5	7,358	4.1	75,939	42.2	1,374	0.8	—	—	18,678	10.4
1968	181,214	75,271	41.5	6,932	3.8	74,037	40.9	2,862	1.6	—	—	22,112	12.2
1969	192,817	78,136	40.5	7,460	3.9	77,462	40.2	2,491	1.3	—	—	27,264	14.1
1970	190,510	73,937	38.8	6,004	3.1	77,895	40.9	752	0.4	—	—	31,922	16.8
1971	191,729	73,154	38.2	4,873	2.5	77,160	40.2	1,485	0.8	—	—	35,057	18.3
1972	193,335	70,103	36.3	4,321	2.2	73,655	38.1	1,346	0.7	5,168	2.7	38,741	20.0
1973	181,933	62,637	34.4	3,823	2.1	71,077	39.1	1,247	0.7	1,265	0.7	41,884	23.0
1974	180,919	61,520	34.0	3,565	2.0	70,184	38.8	1,452	0.8	512	0.3	43,684	24.1
1975	186,734	58,485	31.3	3,994	2.1	69,532	37.2	1,855	1.0	674	0.4	52,195	28.0
1976	168,254	51,960	30.9	3,644	2.2	62,722	37.3	1,118	0.6	433	0.2	48,376	28.8
1977	167,386	51,424	30.7	3,343	2.0	61,834	37.0	1,030	0.6	237	0.1	49,519	29.6
1978	174,682	48,903	28.0	3,315	1.9	64,665	37.0	1,263	0.7	233	0.1	56,303	32.2
1979	170,638	46,131	27.0	4,409	2.6	64,185	37.6	1,254	0.8	168	0.1	54,492	31.9
1980	156,990	39,120	24.9	7,651	4.9	55,857	35.6	1,234	0.8	1,287	0.8	51,831	33.0
1981[h]	161,535	35,415	21.9	2,276	1.4	63,286	39.2	1,781	1.1	4,153	2.6	54,625	33.8

NOTE: Because of rounding, detail may not add to total. Domestic bottling includes bulk products bottled after withdrawal from Customs custody. Also includes products bottled at rectifying plants and at tax-paid bottling houses, plus bottled in bond.
[a]Represents blends of whiskeys containing at least 20-percent straight whiskey in combination with whiskey (includes light whiskey) or neutral spirits, including blends of light whiskey.
[b]Beginning October 1980, bottled in bond is for domestic use only; bottled in bond for export included in straights. Bottled in bond for January-September 1980 includes bottled in bond for export and probably includes some straight whiskey reported as bonded because of misunderstanding of the new all-in-bond system.
[c]Before 1961, includes imported products bottled after withdrawal from Customs custody.
[d]Represents blends of straight whiskeys, all of which are 4 years old or older and which do not include neutral spirits or light whiskey; includes rectified whiskey exempted from rectification tax.
[e]Bottling of light whiskey not permitted before July 1972.
[f]1961–1964 converted from proof to wine gallons at 86 proof; 1965-June 1975 converted from proof gallons at 82 proof. Reported in wine gallons after June 1975.
[g]Includes blends of straight whiskey.
[h]Preliminary.
Source: Bureau of Alcohol, Tobacco, and Firearms, U.S. Treasury Department.

Figure 8. Distilled Spirits — United States Bottling by Class, 1970 and 1981

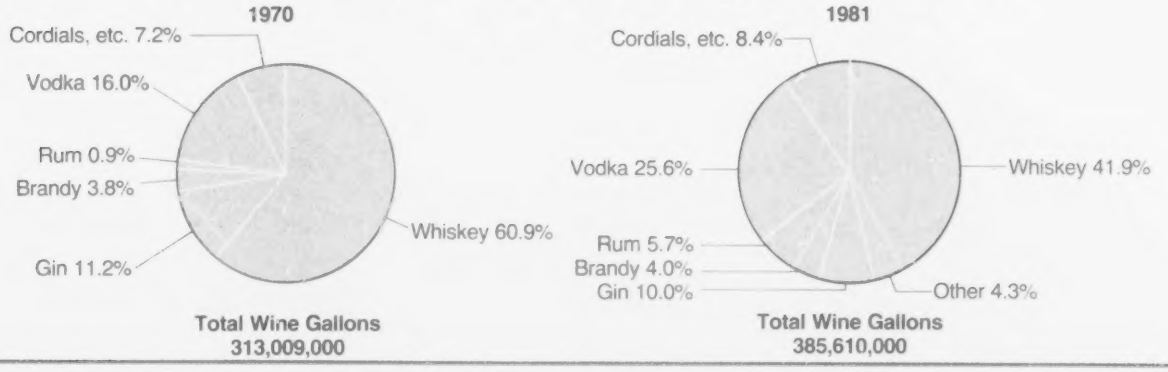

Figure 9. Whiskey — United States Bottling by Type, 1970 and 1981

Table 21. Bottling of Distilled Spirits in the United States, by Class and Type, 1980 and 1981

Class and Type	1981[a] Wine Gallons (000)	1981[a] Percentage of Class	1981[a] Percentage of Total	1980 Wine Gallons (000)	1980 Percentage of Class	1980 Percentage of Total	Gallonage Change	Percentage Change
Domestic Whiskey								
Blended Whiskey[b]	35,415	21.9	9.2	39,120	24.9	10.4	−3,705	−9.5
Bonded[b]	2,276	1.4	0.6	7,661	4.9	2.0	*	*
Straight	63,286	39.2	16.4	55,857	35.6	14.9	7,429	13.3
Over 160°	4,153	2.6	1.1	1,287	0.8	0.3	*	*
Blended Straights[c]	1,781	1.1	0.5	1,234	0.8	0.3	548	44.4
Total	106,911	66.2	27.7	105,159	67.0	28.1	1,752	1.7
Imported Bulk Whiskey								
Scotch	19,826	12.3	5.1	19,804	12.6	5.3	22	0.1
Canadian	34,105	21.1	8.8	31,612	20.1	8.4	2,493	7.9
Other	693	0.4	0.2	414	0.3	0.1	278	67.2
Total	54,625	33.8	14.2	51,831	33.0	13.8	2,794	5.4
Total Whiskey	**161,535**	**100.0**	**41.9**	**156,990**	**100.0**	**41.9**	**4,546**	**2.9**
Gin	38,487		10.0	37,705		10.1	781	2.1
Vodka	98,822		25.6	94,969		25.3	3,853	4.1
Rum[d]	21,889		5.7	20,715		5.5	1,174	5.7
Brandy	15,540		4.0	13,740		3.7	1,800	13.1
Cordials, Liqueurs, etc.	32,559		8.4	32,679		8.7	−120	−0.4
Cocktails & Mixed Drinks	8,496		2.2	10,281		2.7	−1,785	−17.4
Tequila	7,897		2.0	7,239		1.9	658	9.1
Miscellaneous	385		0.1	441		0.1	−56	−12.6
Total Non-Whiskey	**224,074**		**58.0**	**217,768**		**58.0**	**6,306**	**2.9**
Total Distilled Spirits	**385,610**		**100.0**	**374,758**		**100.0**	**10,852**	**2.9**

NOTE: Because of rounding, percentage detail may not add to total. Domestic bottling includes bulk products bottled after withdrawal from Customs custody. Also includes products bottled at rectifying plants and at tax-paid bottling houses, plus bottled in bond. Beginning January 1980 includes bottled in bond for export, which was formerly reported separately. Other bottling for export included from May 1970 to the present.

[a]Preliminary.

[b]Beginning October 1980, bottled in bond is for domestic use only; bottled in bond for export included in straights. Bottled in bond for January–September 1980 includes bottled in bond for export and probably includes some straight whiskey reported as bonded because of misunderstanding of the new all-in-bond system.

[c]Represents blends of straight whiskeys, all of which are 4 years old or older and which do not include neutral spirits or light whiskey; includes rectified whiskey exempted from rectification tax.

[d]Represents all rum bottled in continental United States including bulk rum from Puerto Rico and the Virgin Islands.

*Data before October 1980 not comparable with later data because of reporting difficulties resulting from the change to the all-in-bond system and other definitional problems.

Source: Bureau of Alcohol, Tobacco, and Firearms, U.S. Treasury Department.

Table 22. Sales of Distilled Spirits: Retail Sales in Control States,[a] Supplier Shipments in License States (Shipments by Distillers, Rectifiers, Bottlers, and Importers), by Class and Type, 1981

(Wine Gallons)

STATE	WHISKEY														
	Bonded Bourbon	Bonded Rye	Straight Bourbon	Straight Rye	Straight Blends	Blended Whiskey	Blended Light	Light	Other[c]	Total Domestic	Scotch	Canadian	Other[c]	Total Imported	Total All Whiskey
CONTROL STATES: (Gallonage Sales at State Stores)															
Alabama	28,361	2,172	1,563,020	430	—	461,662	—	101,574	13,401	2,170,820	347,383	535,751	2,326	885,460	3,056,280
Idaho	5,849	292	201,575	490	13,246	95,049	—	—	4,655	321,156	76,525	338,320	2,156	417,001	738,157
Iowa	11,999	—	545,043	584	—	571,766	—	11,151	31	1,140,574	224,686	633,876	2,366	860,928	2,001,502
Maine	3,261	—	106,391	960	—	385,761	5,429	—	10	501,812	123,074	385,866	2,888	511,848	1,013,660
Michigan	36,999	436	960,453	5,416	—	2,374,968	1,551	—	2,691	3,382,514	1,249,549	3,041,004	12,995	4,303,548	7,686,062
Mississippi	33,959	—	1,285,602	1,137	—	339,678	—	—	6,854	1,667,230	227,512	484,553	1,359	713,424	2,380,654
Montana	2,398	—	227,868	870	—	96,421	—	—	256	327,813	70,777	383,904	1,506	456,187	784,000
New Hampshire	12,422	—	251,726	1,243	—	628,793	—	31	—	894,215	467,450	594,153	7,866	1,069,469	1,963,684
North Carolina	46,831	2,628	2,397,933	567	—	653,215	—	71,051	47,263	3,219,488	650,404	1,263,989	5,071	1,919,464	5,138,952
Ohio	116,252	—	1,792,504	6,197	—	1,949,315	—	—	14,556	3,878,824	1,172,354	2,332,654	14,747	3,519,755	7,398,579
Oregon	10,274	759	576,448	2,056	—	524,500	—	—	908	1,114,745	292,431	884,410	14,001	1,190,842	2,305,587
Pennsylvania	65,819	170	1,260,430	35,268	—	3,026,632	5,591	—	1,402	4,395,312	1,357,142	2,503,402	25,423	3,885,967	8,281,279
Utah	6,629	193	258,744	4	—	54,856	—	2,676	257	323,359	100,145	374,313	1,625	476,083	799,442
Vermont	2,183	—	73,410	417	—	115,454	—	—	—	191,464	129,622	223,334	4,159	357,115	548,579
Virginia	49,309	192,005	2,545,029	3,742	42,205	477,953	—	—	44,928	3,355,171	910,894	873,283	13,815	1,797,992	5,153,163
Washington	40,492	—	832,802	8,343	—	820,197	—	—	2,581	1,704,415	595,109	1,920,088	31,938	2,547,135	4,251,550
West Virginia	23,141	536	706,090	941	—	288,655	—	—	4,658	1,024,021	119,913	425,182	1,530	546,625	1,570,646
Wyoming	1,337	—	192,268	493	—	58,650	—	—	457	253,205	78,511	270,144	1,558	350,213	603,418
Total Control States	**497,515**	**199,191**	**15,777,336**	**69,158**	**55,451**	**12,923,525**	**12,571**	**186,483**	**144,908**	**29,866,138**	**8,193,481**	**17,468,246**	**147,329**	**25,809,056**	**55,675,194**
LICENSE STATES: (Reporting Class & Type Breakdown)															
Arizona	11,126	—	859,079	2,238	—	406,905	—	15,413	200	1,294,961	587,665	540,463	6,391	1,134,519	2,429,480
Colorado	8,668	—	1,227,969	3,572	—	379,851	—	4,735	810	1,625,605	712,457	665,725	12,451	1,390,633	3,016,238
Connecticut	17,535	—	295,655	678	—	748,414	35	—	457	1,062,774	745,386	480,194	13,422	1,239,002	2,301,776
Delaware	11,950	—	128,440	482	—	194,193	—	—	811	335,876	159,871	241,535	2,666	404,072	739,948
District of Columbia	18,297	—	376,675	696	—	65,274	—	433	1,061	462,436	527,299	190,040	12,263	729,602	1,192,038
Florida	83,923	—	3,473,477	7,162	—	2,155,616	—	4,333	6,099	5,730,610	4,240,417	3,129,832	26,127	7,396,376	13,126,986
Georgia	60,871	56	1,735,392	1,896	—	798,833	—	14,564	41,058	2,652,670	972,218	1,523,942	8,968	2,505,128	5,157,798
Indiana	97,736	46	1,232,995	2,363	—	998,431	—	7,766	76	2,339,413	432,509	1,243,985	6,686	1,683,180	4,022,593
Kansas	14,209	—	1,013,297	866	—	148,535	—	4,753	1,171	1,182,831	321,365	449,115	2,762	773,242	1,956,073
Kentucky	235,597	65	1,909,050	483	17,544	465,420	1,610	7,368	8,220	2,645,357	263,207	339,311	3,455	605,973	3,251,330
Louisiana	95,066	—	1,876,727	2,654	—	361,939	—	724	770	2,337,880	793,524	1,193,006	8,824	1,995,354	4,333,234
Maryland	70,589	190	1,503,374	33,582	61,856	934,510	14,508	—	29,768	2,648,377	1,298,959	1,481,833	26,131	2,806,923	5,455,300
Massachusetts	31,509	—	640,089	1,328	238	1,529,082	—	55	835	2,203,136	1,040,115	1,498,454	30,087	2,568,656	4,771,792
Minnesota	5,951	—	488,608	2,214	—	577,768	—	2,343	—	1,076,884	512,653	1,719,318	7,130	2,239,101	3,315,985
Missouri	95,940	—	1,737,265	2,059	—	422,433	—	24,002	1,105	2,282,804	741,045	1,116,565	8,119	1,865,729	4,148,533
Nebraska	2,986	—	424,778	767	—	199,026	—	580	233	628,370	241,725	578,725	2,482	822,932	1,451,302
Nevada	2,609	—	524,882	1,250	—	201,223	—	58,089	582	788,635	382,604	677,370	6,743	1,066,717	1,855,352
New Mexico	4,902	—	468,511	1,539	—	148,714	—	40,180	123	663,969	171,002	248,649	2,903	422,554	1,086,523
North Dakota	509	—	91,518	166	—	79,872	—	509	108	172,682	40,341	488,167	653	529,161	701,843
Oklahoma	46,628	162	1,610,698	2,449	—	293,436	—	26,839	7,001	1,987,213	757,911	1,093,596	8,942	1,860,449	3,847,662
Rhode Island	6,201	—	89,592	400	—	237,239	3	1,933	213	335,581	213,843	135,679	3,991	353,513	689,094
South Carolina	24,989	—	955,561	686	—	285,030	—	11,509	13,246	1,291,021	456,043	995,120	3,105	1,454,268	2,745,289
South Dakota	643	—	129,959	387	—	96,307	—	3,500	126	230,922	61,530	540,771	425	602,726	833,648
Texas	282,642	—	5,633,185	8,521	—	1,011,375	—	29,281	4,128	6,969,132	3,050,072	2,803,990	27,776	5,881,838	12,850,970
Wisconsin	9,203	—	622,970	47,141	—	1,027,176	—	4,129	911	1,711,530	362,431	607,320	6,360	976,111	2,687,641
License States Reporting—Total	**1,240,279**	**519**	**29,049,746**	**125,579**	**79,638**	**13,766,602**	**16,156**	**263,038**	**119,112**	**44,660,669**	**19,086,192**	**23,982,705**	**238,852**	**43,307,759**	**87,968,428**
All Reporting States—Total	**1,737,794**	**199,710**	**44,827,082**	**194,737**	**135,089**	**26,690,127**	**28,727**	**449,521**	**264,020**	**74,526,807**	**27,279,673**	**41,450,951**	**386,191**	**69,116,815**	**143,643,622**

Table 22, Cont'd. Sales of Distilled Spirits: Retail Sales in Control States,[a] Supplier Shipments in License States (Shipments by Distillers, Rectifiers, Bottlers, and Importers), by Class and Type, 1981

(Wine Gallons)

STATE	Non-Whiskey								Total Domestic Distilled Spirits	Total Imported Distilled Spirits	Not Classified	Jan-Dec 1981 Grand Total Distilled Spirits	Jan-Dec 1980 Grand Total Distilled Spirits
	Gin	Vodka	Rum	Brandy	Cordials, Etc.	Cocktails	Tequila	Total Non-Whiskey					
CONTROL STATES: (Gallonage Sales at State Stores)													
Alabama	790,877	968,311	418,983	47,041	94,469	29,431	57,422	2,406,534	4,442,287	1,020,527	—	5,462,814	5,474,524
Idaho	79,854	269,964	80,102	34,949	133,313	9,374	44,822	652,378	867,584	522,951	—	1,390,535	1,325,693
Iowa	204,141	778,426	146,593	65,703	532,113	49,381	67,702	1,844,059	2,831,471	1,014,090	—	3,845,561	3,980,560
Maine	166,373	461,178	220,797	31,946	331,312	40,365	18,240	1,270,211	1,660,832	623,039	—	2,283,871	2,289,353
Michigan	1,548,125	3,881,194	1,391,697	726,622	1,981,747	152,433	142,602	9,824,420	12,109,314	5,401,168	—	17,510,482	17,981,897
Mississippi	539,836	520,709	232,320	44,945	93,670	69,169	32,514	1,533,163	3,102,876	810,941	—	3,913,817	3,976,091
Montana	101,790	261,020	79,417	98,264	211,131	9,759	30,527	791,908	1,031,232	544,675	—	1,575,908	1,545,111
New Hampshire	441,769	870,351	294,328	107,950	621,115	93,958	25,903	2,455,374	2,993,287	1,425,771	—	4,419,058	4,438,901
North Carolina	652,134	2,858,840	748,510	70,400	264,943	91,216	63,508	4,749,551	7,753,573	2,134,930	—	9,888,503	9,676,980
Ohio	1,685,107	2,275,009	891,852	259,119	1,076,386	274,132	139,894	6,601,499	9,802,058	4,238,582	40,562	14,040,640	14,834,922
Oregon	316,344	1,093,017	264,803	166,342	378,838	30,761	149,875	2,399,980	3,155,639	1,549,928	—	4,705,567	4,787,046
Pennsylvania	1,653,644	3,500,469	866,983	388,470	1,929,852	150,016	82,052	8,571,486	12,087,531	4,765,234	—	16,852,765	16,732,935
Utah	64,887	368,400	102,719	21,730	77,732	21,960	42,044	699,472	936,681	562,233	—	1,498,914	1,501,967
Vermont	144,349	272,583	84,560	32,518	214,072	20,052	10,507	778,641	833,833	493,387	—	1,327,220	1,363,583
Virginia	880,319	1,846,230	874,175	98,992	386,615	135,149	76,047	4,297,527	7,335,678	2,115,012	—	9,450,690	9,410,740
Washington	578,509	1,883,857	527,849	217,829	699,652	94,812	264,055	4,266,563	5,206,493	3,311,620	—	8,518,113	8,647,898
West Virginia	153,589	415,806	108,453	16,206	137,675	22,261	19,964	873,954	1,831,526	613,074	—	2,444,600	2,667,336
Wyoming	57,725	187,566	72,090	28,903	147,238	19,230	31,038	543,790	707,892	439,316	—	1,147,208	1,150,462
Total Control States	**10,059,372**	**22,712,930**	**7,406,231**	**2,457,929**	**9,311,873**	**1,313,459**	**1,296,716**	**54,560,510**	**78,689,787**	**31,586,479**	**40,562**	**110,276,266**	**111,785,999**
LICENSE STATES: (Reporting Class and Type Breakdown)													
Arizona	363,304	1,139,663	320,381	149,389	407,785	100,228	218,980	2,699,730	3,528,770	1,601,966	1,526	5,130,736	4,899,802
Colorado	456,555	1,355,133	456,809	162,293	838,018	114,469	275,901	3,659,178	4,554,183	2,131,949	10,716	6,686,132	6,424,669
Connecticut	752,483	1,539,659	416,466	156,773	870,707	116,789	35,492	3,888,369	4,386,145	1,804,163	163	6,190,308	6,376,032
Delaware	249,962	322,651	98,584	43,668	144,701	42,944	7,531	910,041	1,146,852	504,957	1,820	1,651,809	1,642,844
District of Columbia	276,971	724,971	365,444	188,081	170,057	24,680	21,017	1,771,221	1,919,130	1,045,491	1,362	2,964,621	3,147,248
Florida	3,077,380	6,005,985	2,275,682	605,669	1,681,205	371,357	506,895	14,524,173	18,222,892	9,448,106	19,839	27,670,998	27,749,754
Georgia	1,674,159	2,537,042	635,398	493,842	367,421	113,975	122,730	5,944,567	8,057,780	3,061,397	16,812	11,119,177	11,037,074
Indiana	638,680	1,561,789	492,711	154,487	660,463	76,524	91,473	3,676,127	5,617,511	2,081,341	133	7,698,853	7,676,785
Kansas	172,553	495,430	149,301	46,832	242,412	49,837	61,373	1,217,738	2,255,839	925,775	7,803	3,181,614	2,797,616
Kentucky	403,311	833,886	236,256	113,709	185,361	90,360	57,615	1,920,498	4,414,504	771,292	13,968	5,185,796	5,105,870
Louisiana	830,460	579,249	547,029	120,439	422,172	117,194	94,583	2,711,126	4,560,428	2,489,316	5,384	7,049,744	7,239,711
Maryland	1,434,075	2,490,410	1,197,646	439,586	716,587	280,957	67,394	6,626,655	8,717,403	3,404,572	40,020	12,121,975	11,624,917
Massachusetts	925,518	1,888,005	900,668	417,195	2,182,979	149,844	67,460	6,531,669	7,270,348	4,033,304	191	11,303,652	11,432,548
Minnesota	402,121	912,695	376,286	1,582,327	595,968	56,560	135,466	4,061,423	4,734,843	2,642,565	—	7,377,408	7,379,292
Missouri	597,137	808,281	363,716	127,724	570,302	156,987	114,685	2,738,832	4,573,769	2,318,505	4,909	6,892,274	6,938,352
Nebraska	138,374	482,272	119,223	44,900	322,020	30,862	62,085	1,199,736	1,660,029	995,602	4,593	2,655,631	2,632,993
Nevada	311,887	1,113,883	295,369	279,955	449,126	60,289	136,891	2,647,400	2,959,948	1,550,737	7,933	4,510,685	4,525,183
New Mexico	119,007	417,916	158,311	30,921	172,613	84,427	102,159	1,085,354	1,571,845	603,344	3,312	2,175,189	2,197,665
North Dakota	58,467	214,471	73,607	120,186	167,819	26,834	23,099	684,483	815,926	577,399	6,999	1,393,325	1,348,431
Oklahoma	494,747	868,178	378,933	216,055	379,094	79,323	177,796	2,594,126	4,030,314	2,421,667	10,193	6,451,981	6,883,208
Rhode Island	201,008	443,324	126,995	78,972	347,085	51,489	9,128	1,258,001	1,373,973	575,584	2,462	1,949,557	2,125,717
South Carolina	925,226	1,798,748	464,961	55,525	167,646	81,392	38,598	3,532,096	4,668,485	1,618,422	9,522	6,286,907	6,244,536
South Dakota	46,725	207,321	51,136	36,248	134,107	26,292	18,284	520,113	715,618	642,668	4,525	1,358,286	1,401,140
Texas	1,797,797	3,933,298	1,597,005	443,410	1,399,189	546,401	1,014,194	10,731,294	15,577,183	8,030,006	24,925	23,607,189	21,880,536
Wisconsin	799,778	1,733,227	309,056	3,430,426	1,350,778	74,147	135,398	7,832,810	9,047,311	1,477,417	4,277	10,524,728	10,777,315
License States Reporting — Total	**17,147,685**	**34,407,487**	**12,406,973**	**9,538,612**	**14,945,615**	**2,924,161**	**3,596,227**	**94,966,760**	**126,381,029**	**56,757,546**	**203,387**	**183,138,575**	**181,489,238**
All Reporting States — Total	**27,207,057**	**57,120,417**	**19,813,204**	**11,996,541**	**24,257,488**	**4,237,620**	**4,894,943**	**149,527,270**	**205,070,816**	**88,344,025**	**243,949**	**293,414,841**	**293,275,237**
LICENSE STATES: (Breakdown not available)													
Alaska												1,361,592	1,240,173
*Arkansas												2,981,890	2,975,874
*California												56,422,753	57,068,837
*Hawaii (Estimated)												2,165,000	2,175,000
*Illinois												24,459,636	25,072,312
*New Jersey												16,751,105	16,271,863
*New York												38,694,613	39,777,639
*Tennessee												6,355,186	6,114,801
License States Not Reporting Class and Type — Total												**149,191,775**	**150,696,499**
Grand Total												**442,606,616**	**443,971,736**

*Sales based on state tax collections.

[a] Control state data are sales in retail state stores except Mississippi and Wyoming where data are wholesale sales by state facilities.

[b] Includes young whiskey under 2 years.

[c] Includes Irish and unclassified whiskeys.

Source: Control States: Data issued by National Alcoholic Beverage Control Association, Inc.
License States: Except as noted, data reported by states and compiled by DISCUS.

Table 23. Sales of Distilled Spirits: Percentage Distribution: Retail Sales in Control States[a], Supplier Shipments in License States (Shipments by Distillers, Rectifiers, Bottlers, and Importers), by Class and Type, 1981

(Percentage)

STATE	Whiskey														
	Bonded Bourbon	Bonded Rye	Straight Bourbon	Straight Rye	Straight Blends	Blended Whiskey	Blended Light	Light	Other[b]	Total Domestic	Scotch	Canadian	Other[c]	Total Imported	Total All Whiskey
CONTROL STATES: (Gallonage Sales at State Stores)															
Alabama	0.5	—	28.6	—	—	8.5	—	1.9	0.2	39.7	6.4	9.8	—	16.2	55.9
Idaho	0.4	—	14.5	—	1.0	6.9	—	—	0.3	23.1	5.5	24.3	0.2	30.0	53.1
Iowa	0.3	—	14.2	—	—	14.8	—	0.3	—	29.6	5.8	16.5	0.1	22.4	52.0
Maine	0.2	—	4.7	—	—	16.9	0.2	—	—	22.0	5.4	16.9	0.1	22.4	44.4
Michigan	0.2	—	5.5	—	—	13.6	—	—	—	19.3	7.1	17.4	0.1	24.6	43.9
Mississippi	0.9	—	32.8	—	—	8.7	—	—	0.2	42.6	5.8	12.4	—	18.2	60.8
Montana	0.1	—	14.5	0.1	—	6.1	—	—	—	20.8	4.5	24.3	0.1	28.9	49.7
New Hampshire	0.3	—	5.7	—	—	14.2	—	—	—	20.2	10.6	13.4	0.2	24.2	44.4
North Carolina	0.5	—	24.3	—	—	6.6	—	0.7	0.5	32.6	6.6	12.8	—	19.4	52.0
Ohio	0.8	—	12.8	—	—	13.9	—	—	0.1	27.6	8.4	16.6	0.1	25.1	52.7
Oregon	0.2	—	12.3	—	—	11.2	—	—	—	23.7	6.2	18.8	0.3	25.3	49.0
Pennsylvania	0.4	—	7.5	0.2	—	18.0	—	—	—	26.1	8.0	14.9	0.1	23.0	49.1
Utah	0.4	—	17.3	—	—	3.7	—	0.2	—	21.6	6.7	24.9	0.1	31.7	53.3
Vermont	0.2	—	5.5	—	—	8.7	—	—	—	14.4	9.8	16.8	0.3	26.9	41.3
Virginia	0.5	2.0	28.9	—	0.5	5.1	—	—	0.5	35.5	9.6	9.2	0.2	19.0	54.5
Washington	0.5	—	9.8	0.1	—	9.6	—	—	—	20.0	7.0	22.5	0.4	29.9	49.9
West Virginia	1.0	—	28.9	—	—	11.9	—	—	0.2	41.9	4.9	17.4	—	22.3	64.2
Wyoming	0.2	—	16.8	—	—	5.1	—	—	—	22.1	6.8	23.6	0.1	30.5	52.6
Total Control States	**0.5**	**0.2**	**14.3**	**0.1**	**—**	**11.7**	**--**	**0.2**	**0.1**	**27.1**	**7.4**	**15.9**	**0.1**	**23.4**	**50.5**
LICENSE STATES: (Reporting Class and Type Breakdown)															
Arizona	0.2	—	16.8	—	—	8.0	—	0.3	—	25.3	11.5	10.5	0.1	22.1	47.4
Colorado	0.1	—	18.4	—	—	5.7	—	0.1	—	24.3	10.7	9.9	0.2	20.8	45.1
Connecticut	0.3	—	4.8	—	—	12.1	—	—	—	17.2	12.0	7.8	0.2	20.0	37.2
Delaware	0.7	—	7.8	—	—	11.8	—	—	—	20.3	9.7	14.6	0.2	24.5	44.8
District of Columbia	0.7	—	12.7	—	—	2.2	—	—	—	15.6	17.8	6.4	0.4	24.6	40.2
Florida	0.3	—	12.6	—	—	7.8	—	—	—	20.7	15.3	11.3	0.1	26.7	47.4
Georgia	0.6	—	15.6	—	—	7.2	—	0.1	0.4	23.9	8.7	13.7	0.1	22.5	46.4
Indiana	1.3	—	16.0	—	—	13.0	—	0.1	—	30.4	5.6	16.1	0.1	21.8	52.2
Kansas	0.4	—	31.9	—	—	4.7	—	0.2	—	37.2	10.1	14.1	0.1	24.3	61.5
Kentucky	4.6	—	36.8	—	0.3	9.0	—	0.1	0.2	51.0	5.1	6.5	0.1	11.7	62.7
Louisiana	1.4	—	26.6	—	—	5.2	—	—	—	33.2	11.3	16.9	0.1	28.3	61.5
Maryland	0.6	—	12.4	0.3	0.5	7.7	0.1	—	0.2	21.8	10.7	12.3	0.2	23.2	45.0
Massachusetts	0.3	—	5.7	—	—	13.5	—	—	—	19.5	9.2	13.2	0.3	22.7	42.2
Minnesota	0.1	—	6.6	—	—	7.9	—	—	—	14.6	6.9	23.3	0.1	30.3	44.9
Missouri	1.4	—	25.2	—	—	6.1	—	0.4	—	33.1	10.8	16.2	0.1	27.1	60.2
Nebraska	0.1	—	16.0	—	—	7.5	—	—	—	23.6	9.1	21.8	0.1	31.0	54.6
Nevada	0.1	—	11.6	—	—	4.5	—	1.3	—	17.5	8.5	15.0	0.1	23.6	41.1
New Mexico	0.2	—	21.5	0.1	—	6.8	—	1.9	—	30.5	7.9	11.4	0.1	19.4	49.9
North Dakota	—	—	6.6	—	—	5.8	—	—	—	12.4	2.9	35.1	—	38.0	50.4
Oklahoma	0.7	—	25.0	—	—	4.6	—	0.4	0.1	30.8	11.7	17.0	0.1	28.8	59.6
Rhode Island	0.3	—	4.6	—	—	12.2	—	0.1	—	17.2	11.0	7.0	0.2	18.2	35.4
South Carolina	0.4	—	15.2	—	—	4.6	—	0.2	0.2	20.6	7.3	15.8	—	23.1	43.7
South Dakota	—	—	9.6	—	—	7.1	—	0.3	—	17.0	4.6	39.8	—	44.4	61.4
Texas	1.2	—	23.9	—	—	4.3	—	0.1	—	29.5	12.9	11.9	0.1	24.9	54.4
Wisconsin	0.1	—	5.9	0.5	—	9.8	—	—	—	16.3	3.4	5.8	0.1	9.3	25.6
License States Reporting — Total	**0.7**	**—**	**15.9**	**0.1**	**—**	**7.5**	**—**	**0.1**	**0.1**	**24.4**	**10.4**	**13.1**	**0.1**	**23.6**	**48.0**
All Reporting States — Total	**0.6**	**0.1**	**15.3**	**0.1**	**—**	**9.1**	**—**	**0.1**	**0.1**	**25.4**	**9.3**	**14.1**	**0.1**	**23.5**	**48.9**

Table 23, Cont'd. Sales of Distilled Spirits: Percentage Distribution: Retail Sales in Control States[a], Supplier Shipments in License States (or Shipments by Distillers, Rectifiers, Bottlers, and Importers), by Class and Type, 1981

(Percentage)

STATE	Non-Whiskey								Total Domestic Distilled Spirits	Total Imported Distilled Spirits	Not Classified	Jan-Dec 1981 Grand Total Distilled Spirits
	Gin	Vodka	Rum	Brandy	Cordials Etc.	Cocktails	Tequila	Total Non-Whiskey				
CONTROL STATES: (Gallonage Sales at State Stores)												
Alabama	14.5	17.7	7.7	0.9	1.7	0.5	1.1	44.1	81.3	18.7	—	100.0
Idaho	5.7	19.4	5.8	2.5	9.6	0.7	3.2	46.9[d]	62.4	37.6	—	100.0
Iowa	5.3	20.3	3.8	1.7	13.8	1.3	1.8	48.0	73.6	26.4	—	100.0
Maine	7.3	20.2	9.7	1.4	14.5	1.7	0.8	55.6	72.7	27.3	—	100.0
Michigan	8.8	22.2	7.9	4.2	11.3	0.9	0.8	56.1	69.2	30.8	—	100.0
Mississippi	13.8	13.3	5.9	1.2	2.4	1.8	0.8	39.2	79.3	20.7	—	100.0
Montana	6.5	16.6	5.1	6.2	13.4	0.6	1.9	50.3	65.4	34.6	—	100.0
New Hampshire	10.0	19.7	6.7	2.4	14.1	2.1	0.6	55.6	67.7	32.3	—	100.0
North Carolina	6.6	28.9	7.6	0.7	2.7	0.9	0.6	48.0	78.4	21.6	—	100.0
Ohio	12.0	16.2	6.3	1.8	7.7	2.0	1.0	47.0	69.8	30.2	0.3	100.0
Oregon	6.7	23.2	5.6	3.5	8.1	0.7	3.2	51.0	67.1	32.9	—	100.0
Pennsylvania	9.8	20.8	5.1	2.3	11.5	0.9	0.5	50.9	71.7	28.3	—	100.0
Utah	4.3	24.6	6.9	1.4	5.2	1.5	2.8	46.7	62.5	37.5	—	100.0
Vermont	10.9	20.5	6.4	2.5	16.1	1.5	0.8	58.7	62.8	37.2	—	100.0
Virginia	9.3	19.5	9.3	1.1	4.1	1.4	0.8	45.5	77.6	22.4	—	100.0
Washington	6.8	22.1	6.2	2.6	8.2	1.1	3.1	50.1	61.1	38.9	—	100.0
West Virginia	6.3	17.0	4.5	0.7	5.6	0.9	0.8	35.8	74.9	25.1	—	100.0
Wyoming	5.0	16.4	6.3	2.5	12.8	1.7	2.7	47.4	61.7	38.3	—	100.0
Total Control States	**9.1**	**20.6**	**6.7**	**2.2**	**8.5**	**1.2**	**1.2**	**49.5**	**71.4**	**28.6**	**—**	**100.0**
LICENSE STATES: (Reporting Class and Type Breakdown)												
Arizona	7.1	22.2	6.2	2.9	7.9	2.0	4.3	52.6	68.8	31.2	—	100.0
Colorado	6.8	20.3	6.8	2.4	12.6	1.7	4.1	54.7	68.1	31.9	0.2	100.0
Connecticut	12.2	24.9	6.7	2.5	14.1	1.9	0.5	62.8	70.9	29.1	—	100.0
[illegible]ware	15.1	19.5	6.0	2.6	8.8	2.6	0.5	55.1	69.4	30.6	0.1	100.0
District of Columbia	9.4	24.5	12.3	6.4	5.7	0.8	0.7	59.8	64.7	35.3	—	100.0
[illegible]da	11.1	21.7	8.2	2.2	6.1	1.4	1.8	52.5	65.9	34.1	0.1	100.0
[illegible]rgia	15.1	22.8	5.7	4.5	3.3	1.0	1.1	53.5	72.5	27.5	0.1	100.0
Indiana	8.3	20.3	6.4	2.0	8.6	1.0	1.2	47.8	73.0	27.0	—	100.0
Kansas	5.4	15.6	4.7	1.5	7.6	1.6	1.9	38.3	70.9	29.1	0.2	100.0
Kentucky	7.8	16.1	4.5	2.2	3.6	1.7	1.1	37.0	85.1	14.9	0.3	100.0
Louisiana	11.8	8.2	7.7	1.7	5.0	1.7	1.3	38.4	64.7	35.3	0.1	100.0
Maryland	11.8	20.6	9.9	3.6	5.9	2.3	0.6	54.7	71.9	28.1	0.3	100.0
Massachusetts	8.2	16.7	8.0	3.7	19.3	1.3	0.6	57.8	64.3	35.7	—	100.0
Minnesota	5.5	12.4	5.1	21.4	8.1	0.8	1.8	55.1	64.2	35.8	—	100.0
Missouri	8.6	11.7	5.3	1.8	8.3	2.3	1.7	39.7	66.4	33.6	0.1	100.0
Nebraska	5.2	18.2	4.5	1.7	12.1	1.2	2.3	45.2	62.5	37.5	0.2	100.0
Nevada	6.9	24.7	6.6	6.2	10.0	1.3	3.0	58.7	65.6	34.4	0.2	100.0
New Mexico	5.5	19.2	7.3	1.4	7.9	3.9	4.7	49.9	72.3	27.7	0.2	100.0
North Dakota	4.2	15.4	5.3	8.6	12.0	1.9	1.7	49.1	58.6	41.4	0.5	100.0
Oklahoma	7.7	13.5	5.9	3.3	5.9	1.2	2.7	40.2	62.5	37.5	0.2	100.0
Rhode Island	10.3	22.7	6.5	4.1	17.8	2.6	0.5	64.5	70.5	29.5	0.1	100.0
South Carolina	14.7	28.6	7.4	0.9	2.7	1.3	0.6	56.2	74.3	25.7	0.1	100.0
South Dakota	3.4	15.3	3.8	2.7	9.9	1.9	1.3	38.3	52.7	47.3	0.3	100.0
Texas	7.6	16.7	6.8	1.9	5.9	2.3	4.3	45.5	66.0	34.0	0.1	100.0
Wisconsin	7.6	16.5	2.9	32.6	12.8	0.7	1.3	74.4	86.0	14.0	—	100.0
License States Reporting — Total	**9.4**	**18.7**	**6.8**	**5.2**	**8.2**	**1.6**	**2.0**	**51.9**	**69.0**	**31.0**	**0.1**	**100.0**
All Reporting States — Total	**9.3**	**19.5**	**6.7**	**4.1**	**8.3**	**1.4**	**1.7**	**51.0**	**69.9**	**30.1**	**0.1**	**100.0**
LICENSE STATES: (Breakdown not available)												
Alaska												100.0
*Arkansas												100.0
*California												100.0
*Hawaii (Estimated)												100.0
*Illinois												100.0
*New Jersey												100.0
*New York												100.0
*Tennessee												100.0
License States Not Reporting Class and Type — Total												**100.0**
Grand Total												**100.0**

*Sales based on state tax collections.

[a]Control state data are sales in retail state stores except Mississippi and Wyoming where data are wholesale sales by state facilities.

[b]Includes young whiskey under 2 years.

[c]Includes Irish and unclassified whiskeys.

Source: Control States: Data issued by National Alcoholic Beverage Control Association, Inc.
License States: Except as noted, data reported by states and compiled by DISCUS.

Table 24. Estimated Distilled Spirits Entering United States Trade Channels, Including Bottled Exports, by Class and Type, 1972–1981

(000 Wine Gallons)

Class and Type	1972	1973	1974	1975	1976	1977	1978	1979	1980[c]	1981
Domestic Whiskey										
Bonded	4,321	3,823	3,568	3,994	3,644	3,343	3,315	4,409	7,661	2,276
Straight	76,616	71,077	70,184	69,532	62,722	61,834	64,665	64,185	55,857	63,286
Blended Straights	1,346	1,247	1,452	1,855	1,118	1,030	1,263	1,254	1,234	1,781
Over 160°	2,208	1,265	512	674	433	237	233	168	1,287	4,153
Blended Whiskey	70,103	62,637	61,520	58,485	51,960	51,424	48,903	46,131	39,120	35,415
Subtotal	154,594	140,049	137,235	134,539	119,877	117,867	118,379	116,147	105,159	106,911
Imported Whiskey[a]										
Scotch[b]	52,412	55,230	55,898	55,276	53,348	52,195	56,757	52,033	46,972	47,567
Canadian	42,011	44,308	45,455	48,425	47,167	48,141	53,641	53,021	52,382	54,624
Irish and Others	237	306	427	271	310	412	672	693	541	823
Subtotal	94,660	99,843	101,780	103,972	100,825	100,748	111,071	105,747	99,895	103,014
Total All Whiskey	**249,254**	**239,893**	**239,015**	**238,511**	**220,702**	**216,615**	**229,449**	**221,894**	**205,053**	**209,925**
Gin										
Domestic	36,505	36,848	36,878	38,916	36,855	38,730	38,562	38,981	NA	38,269
Imported	4,265	4,660	5,001	4,818	5,074	5,303	6,258	6,297	NA	5,871
Subtotal	40,770	41,508	41,879	43,734	41,929	44,033	44,820	45,278	43,618	44,140
Vodka										
Domestic	62,750	70,221	78,929	86,752	88,540	90,639	94,803	97,976	NA	98,600
Imported	94	191	116	23	51	102	84	235	NA	1,997
Subtotal	62,845	70,412	79,045	86,776	88,591	90,740	94,887	98,211	96,193	100,597
Rum										
Puerto Rico	9,623	11,931	11,895	13,601	15,107	18,532	22,067	27,124	NA	26,881
Virgin Islands	401	872	1,012	1,314	1,027	983	1,276	1,538	NA	3,121
Other Domestic	3,083	1,662	1,905	1,936	1,572	2,463	2,921	3,378	NA	1,209
Subtotal Domestic Rum	13,107	14,466	14,811	16,852	17,706	21,978	26,264	32,041	NA	31,211
Subtotal Imported Rum	566	638	694	706	642	741	891	921	NA	1,355
Subtotal All Rum	13,672	15,104	15,505	17,558	18,347	22,719	27,155	32,962	29,568	32,566
Brandy										
Domestic	12,010	13,203	12,813	12,389	13,408	13,439	13,459	13,725	NA	14,559
Imported	2,709	2,665	2,469	3,036	4,254	3,389	4,461	4,989	NA	6,769
Subtotal	14,718	15,867	15,282	15,424	17,662	16,828	17,921	18,714	18,667	21,329
Cordials and Specialties										
Domestic	22,915	25,469	28,706	26,323	23,958	25,500	30,132	29,416	NA	26,022
Imported	3,224	3,721	4,177	4,769	5,063	5,822	7,145	8,155	NA	13,620
Subtotal	26,139	29,191	32,883	31,092	29,021	31,322	37,277	37,570	38,404	39,641
Cocktails and Mixed Drinks										
Domestic	—	—	—	4,082	9,380	9,822	11,990	10,834	NA	8,443
Imported	—	—	—	29	260	71	66	122	NA	52
Subtotal	—	—	—	4,111	9,640	9,894	12,056	10,955	10,281	8,496
Tequila Subtotal	—	—	—	7,890	9,709	6,305	6,526	6,783	7,271	7,940
Non-Whiskey										
Domestic	147,286	160,207	172,138	185,314	189,846	200,109	215,209	222,971	NA	217,105
Imported	10,858	11,875	12,457	21,272	25,052	21,732	25,433	27,503	NA	37,604
Subtotal	158,144	172,082	184,594	206,586	214,898	221,841	240,642	250,474	244,001	254,709
Not Elsewhere Specified										
Domestic	494	657	972	595	322	287	274	300	NA	379
Imported	3,501	5,744	8,659	2,859	629	1,077	1,619	1,913	NA	254
Subtotal	3,995	6,401	9,630	3,454	950	1,364	1,893	2,213	636	634
Total Domestic Distilled Spirits	**302,374**	**300,914**	**310,344**	**320,448**	**310,045**	**318,263**	**333,861**	**339,418**	**NA**	**324,395**
Total Imported Distilled Spirits	**109,019**	**117,462**	**122,895**	**128,103**	**126,506**	**123,557**	**138,123**	**135,163**	**NA**	**140,873**
Total Distilled Spirits	**411,392**	**418,376**	**433,240**	**448,551**	**436,550**	**441,820**	**471,984**	**474,580**	**449,691**	**465,268**

NOTE: Because of rounding, detail may not add to total. Includes some conversion from proof gallons to wine gallons.

[a] From 1965 to June 1975 bulk reported by Census was converted at 82°; before 1965 at 86°; actual volume reported after June 1975.

[b] Includes whiskey from Northern Ireland.

[c] Revised.

NA-Data for calendar 1980 are not strictly comparable with 1981 and earlier year data because of reporting and definitional difficulties in the first nine months of 1980 that resulted from the change to the all-in-bond system by the U.S. Bureau of Alcohol, Tobacco, and Firearms. Also, for these reasons, a breakdown between domestic and imported non-whiskey spirits in 1980 is not reliable and therefore is not given.

Sources: Bureau of Alcohol, Tobacco, and Firearms, U.S. Treasury Department; Bureau of Census, U.S. Department of Commerce; Virgin Islands Rum Council; Puerto Rican Rum Producers Association, Inc.

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Figure 10. Distilled Spirits Entering Trade Channels in the U.S., 1972-1981
(Millions of Wine Gallons)

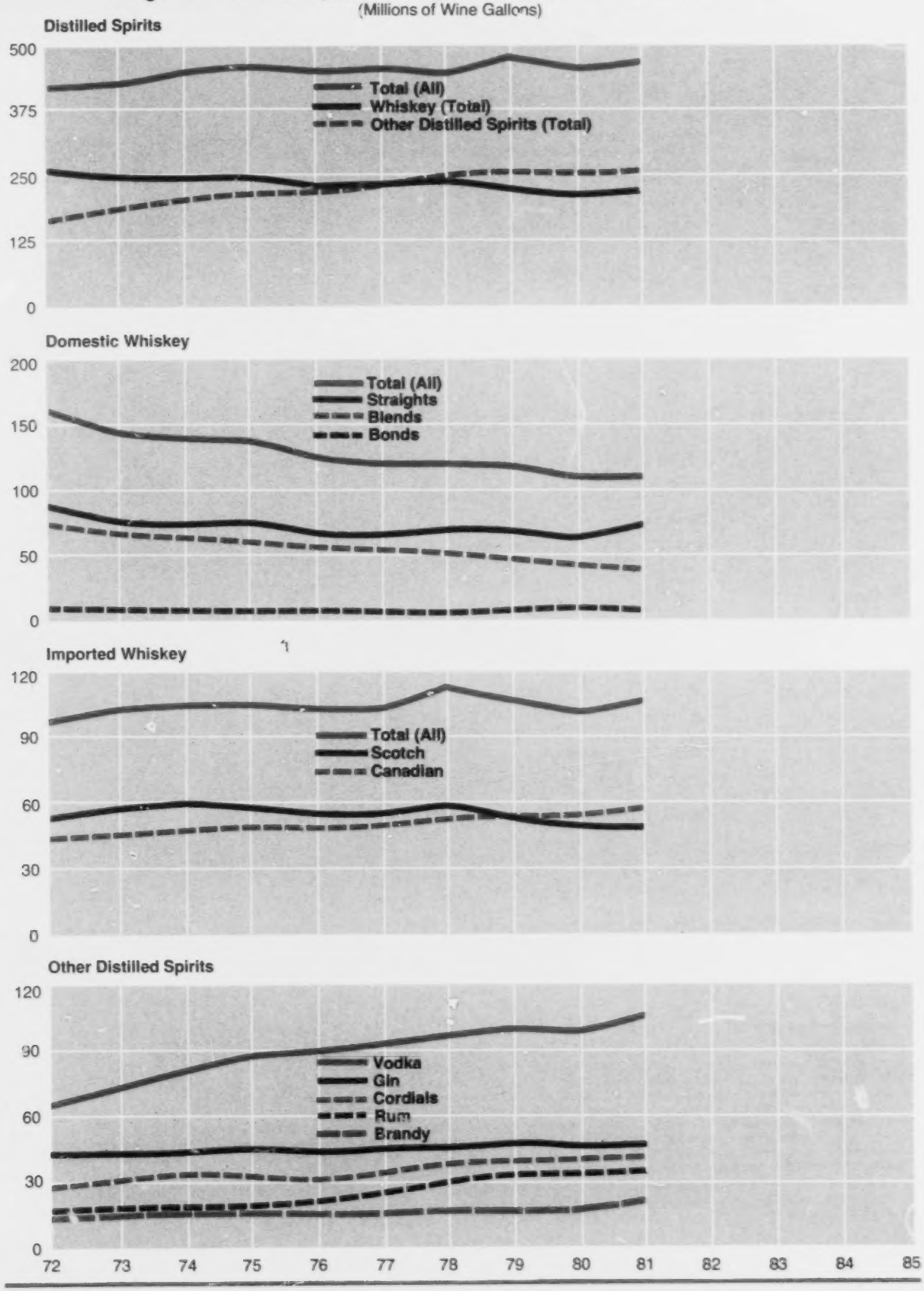


Table 25. Estimated Distilled Spirits Entering United States Trade Channels, Including Bottled Exports, Domestic and Foreign Bottling, by Class and Type, 1980 and 1981

(000 Wine Gallons)

Class and Type	1981							1980		
	Volume Bottled in United States[a]			Bottled						
	Domestic Spirits	Bulk Imports	Subtotal	Imports[b]	Shipments from Puerto Rico and U.S. Virgin Islands[c]	Total	Percentage of Total	Total	Percentage of Total	Percentage Change
Domestic Whiskey										
Bonded	2,276		2,276			2,276	0.5	7,661	1.7	*
Straight	63,286		63,286			63,286	13.6	55,857	12.4	13.3
Blended Straights	1,781		1,781			1,781	0.4	1,234	0.3	44.4
Distilled at over 160°	4,153		4,153			4,153	0.9	1,287	0.3	*
Blended Whiskey	35,415		35,415			35,415	7.6	39,120	8.7	−9.5
Subtotal	106,911		106,911			106,911	23.0	105,159	23.4	1.7
Imported Whiskey										
Scotland and N. Ireland						47,567	10.2	46,972	10.4	1.3
Bottled in United Kingdom				27,741		27,741	6.0	27,167	6.0	2.1
Bottled in United States		19,826	19,826			19,826	4.2	19,804	4.4	0.1
Canadian						54,624	11.7	52,382	11.6	4.3
Bottled in Canada				20,518		20,518	4.4	20,769	4.6	−1.2
Bottled in United States		34,105	34,105			34,105	7.3	31,612	7.0	7.9
Ireland and Others		693	693	130		823	0.2	541	0.1	52.1
Subtotal		54,625	54,625	48,390		103,014	22.1	99,895	22.2	3.1
Total All Whiskey	**106,911**	**54,625**	**161,535**	**48,390**		**209,925**	**45.1**	**205,053**	**45.6**	**2.4**
Gin										
Domestic	38,269		38,269			38,269	8.2	NA		—
Imported		218	218	5,653		5,871	1.3	NA		—
Subtotal	38,269	218	38,487	5,653		44,140	9.5	43,618	9.7	1.2
Vodka										
Domestic	98,600		98,600			98,600	21.2	NA		—
Imported		222	222	1,775		1,997	0.4	NA		—
Subtotal	98,600	222	98,822	1,775		100,597	21.6	96,193	21.4	4.6
Rum										
Puerto Rico	16,611		16,611		10,270	26,881	5.8	NA		—
Virgin Islands	3,097		3,097		24	3,121	0.7	NA		—
Other Domestic	1,209		1,209			1,209	0.2	NA		—
Subtotal Domestic	20,917		20,917		10,294	31,211	6.7	NA		—
Subtotal Imported		1,162	1,162	193		1,355	0.3	NA		—
Subtotal All Rum	20,917	1,162	22,079	193	10,294	32,566	7.0	29,568	6.6	10.1
Brandy										
Domestic	14,559		14,559			14,559	3.1	NA		—
Imported		980	980	5,789		6,769	1.5	NA		—
Subtotal	14,559	980	15,540	5,789		21,329	4.6	18,667	4.2	14.3
Cordials and Specialties										
Domestic	26,022		26,022			26,022	5.6	NA		—
Imported		6,537	6,537	7,083		13,620	2.9	NA		—
Subtotal	26,022	6,537	32,559	7,083		39,641	8.5	38,404	8.5	3.2
Cocktails/Mixed Drinks										
Domestic	8,443		8,443			8,443	1.8	NA		—
Imported		52	52	—		52	—	NA		—
Subtotal	8,443	52	8,496	—		8,496	1.8	10,281	2.3	−17.4
Tequila	—	7,897	7,897	43		7,940	1.7	7,271	1.6	9.2
Non-Whiskey										
Domestic	206,811		206,811		10,294	217,105	46.6	NA		—
Imported		17,068	17,068	20,536		37,604	8.1	NA		—
Total Non-Whiskey	206,811	17,068	223,879	20,536	10,294	254,709	54.7	244,001	54.3	4.4
Not Elsewhere Specified[d]										
Domestic	379		379			379	0.1	NA		—
Imported		6	6	248		254	0.1	NA		—
Subtotal	379	6	385	248		634	0.2	636	0.1	−0.3
Total Domestic Distilled Spirits	**314,101**		**314,101**		**10,294**	**324,395**	**69.7**	**NA**		—
Total Imported Distilled Spirits		**71,698**	**71,698**	**69,174**		**140,873**	**30.3**	**NA**		—
Total Distilled Spirits	**314,101**	**71,698**	**385,800**	**69,174**	**10,294**	**465,268**	**100.0**	**449,691**	**100.0**	**3.5**

NOTE: Because of rounding, detail may not add to total. Percentages calculated before rounding.

[a] U.S. bottling for export included. Bulk imported distilled spirits converted to wine gallons from proof gallons.

[b] Includes only imports in containers of one gallon or less. Imports converted to wine gallons from proof gallons.

[c] Puerto Rican and Virgin Islands rum in glass converted to wine gallons from proof gallons.

[d] Includes aquavit, arrack, bitters, spirits for beverages, imitations of brandy. Imported bottled vodka available separately since January 1980.

NA-Data for calendar 1980 are not strictly comparable with 1981 and earlier year data because of reporting and definitional difficulties in the first nine months of 1980 that resulted from the change to the all-in-bond system by the U.S. Bureau of Alcohol, Tobacco, and Firearms. Also, for these reasons, a breakdown between domestic and imported non-whiskey spirits in 1980 is not reliable and therefore is not given.

*Data for first nine months of 1980 not comparable with later data because of reporting difficulties resulting from the change to the all-in-bond system and other definitional problems.

Sources: Bureau of Alcohol, Tobacco, and Firearms, U.S. Treasury Department; Bureau of Census, U.S. Department of Commerce; Virgin Islands Rum Council; Puerto Rican Rum Producers Association, Inc.

Table 26. Red and Green Strip Stamps Used by the Distilled Spirits Industry by Bottle Size, 1972–1981

(Thousands of Stamps)

Fiscal Year and Color	Less than 1/2 Pint 50 ml	1/2 Pint 200 ml	3/4 Pint	4/5 Pint	1 Pint 500 ml	3/4 Quart	4/5 Quart 750 ml	1 Quart 1 Liter	1/2 Gallon 1.75 Liter	1 Gallon	Total
1972											
Red	150,068	583,584	9,151	99,269	303,341	27,711	618,374	555,720	93,272	762	2,441,252
Green	1,799	15,676	—	438	7,137	—	11,326	3,785	439	20	40,620
Total	151,868	599,260	9,151	99,706	310,478	27,711	629,700	559,504	93,712	782	2,481,872
1973											
Red	164,995	534,127	11,583	100,245	280,249	37,412	563,398	542,134	107,290	1,633	2,343,066
Green	1,575	14,642	—	357	6,575	—	10,583	3,712	616	7	38,068
Total	166,570	548,770	11,583	100,602	286,824	37,412	573,982	545,846	107,906	1,640	2,381,134
1974											
Red	191,131	544,818	27,023	87,365	281,575	41,299	575,056	547,546	135,201	1,093	2,432,109
Green	1,331	11,899	—	409	5,659	—	8,872	3,186	552	2	31,911
Total	192,463	556,717	27,023	87,774	287,235	41,299	583,928	550,732	135,753	1,095	2,464,020
1975											
Red	231,482	542,363	24,056	83,096	275,812	56,593	515,393	552,681	149,650	649	2,431,775
Green	1,108	10,964	—	314	5,145	—	8,244	3,115	622	3	29,513
Total	232,590	553,326	24,056	83,410	280,956	56,593	523,637	555,796	150,272	652	2,461,289
1976											
Red	237,470	572,431	30,599	81,859	272,399	66,904	521,119	567,309	167,724	484	2,518,299
Green	1,146	10,859	—	239	5,250	—	7,735	3,401	747	2	29,380
Total	238,616	583,291	30,599	82,098	277,650	66,904	528,854	570,710	168,470	486	2,547,679
1976[a]											
Red	60,962	126,380	11,778	19,152	59,156	16,786	116,693	125,166	38,085	101	574,259
Green	172	1,646	—	42	909	—	1,353	579	158	(b)	4,859
Total	61,134	128,026	11,778	19,195	60,065	16,786	118,046	125,744	38,243	102	579,118
1977											
Red: U.S. Measure	247,305	451,949	32,642	85,801	244,675	70,841	354,082	553,355	87,824	797	2,129,272
Metric	346	101,675	—	—	212	—	139,282	1,216	83,212	—	325,943
Green: U.S. Measure	1,001	6,629	—	169	4,189	—	4,924	2,332	381	1	20,126
Metric	—	1,789	—	—	2	—	1,170	64	336	—	3,360
Subtotal U.S.	248,306	458,578	32,642	85,970	248,864	70,841	359,006	556,187	88,205	798	2,149,398
Subtotal Metric	346	103,464	—	—	214	—	140,452	1,280	83,548	—	329,303
Total	248,653	562,042	32,642	85,970	249,077	70,841	499,457	557,467	171,752	798	2,478,700
1978											
Red: U.S. Measure	232,362	116,000	31,841	95,212	273,399	85,310	100,264	362,862	6,154	463	1,503,865
Metric	12,707	480,613	—	—	1,960	—	393,111	3,316	177,792	—	1,069,498
Green: U.S. Measure	867	1,085	—	161	4,573	—	1,050	3,141	13	2	10,892
Metric	—	7,478	—	—	2	—	5,238	—	887	—	13,606
Subtotal U.S.	233,229	117,085	941	95,373	277,972	85,310	101,314	566,003	6,167	465	1,514,757
Subtotal Metric	12,707	488,091	—	—	1,962	—	398,349	3,316	178,679	—	1,083,104
Total	245,935	605,177	[illegible]	95,373	279,934	85,310	499,662	569,319	184,846	465	2,597,861
1979											
Red: U.S. Measure	295,914	31,628	28,775	104,275	254,585	82,323	46,426	571,103	2,249	482	1,417,759
Metric	27,150	595,094	—	—	13,775	—	431,563	12,601	189,396	—	1,269,578
Green: U.S. Measure	738	203	—	277	4,049	—	46	2,679	—	(b)	7,992
Metric	36	6,859	—	—	118	—	5,344	—	862	—	13,219
Subtotal U.S.	296,652	31,831	28,775	104,551	258,633	82,323	46,473	573,781	2,249	482	1,425,751
Subtotal Metric	27,186	601,953	—	—	13,893	—	436,907	12,601	190,258	—	1,282,797
Total	323,838	633,784	28,775	104,551	272,526	82,323	483,379	586,382	192,506	482	2,708548
1980											
Red: U.S. Measure	33,268	7,057	10,586	30,197	77,933	24,707	4,059	204,298	75	227	392,408
Metric	127,360[r]	542,260[c]	—	—	235,325[r]	—	521,018[r]	354,500[r]	211,669	—	1,992,132[r]
Green: U.S. Measure	13	34	—	15	733	—	—	1,062	—	(b)	1,858
Metric	625	6,993	—	—	3,573	—	6,512	2,105	1,622	—	21,429
Subtotal U.S.	33,280	7,091	10,586	30,212	78,666	24,707	4,059	205,360	75	227	394,265
Subtotal Metric	127,985[r]	549,253	—	—	238,987[r]	—	527,530[r]	356,604[r]	213,291	—	2,013,561[r]
Total	161,265[r]	556,345	10,586	30,212	317,564[r]	24,707	531,589[r]	561,964[r]	213,366	227	2,407,826[r]
1981[d]											
Red: Metric	171,973[r]	561,928[r]	—	—	335,663[r]	—	551,855	517,221	238,542	—	2,372,182
Green: Metric	366	6,540	—	—	3,032	—	4,438	5,623	1,941	—	21,941
Total Metric	172,339	568,467	—	—	338,695	—	556,294	522,843	240,483	—	2,399,122

NOTES: Because of rounding, detail may not add to total. Stamps used by domestic bottlers and importers for products destined for U.S. consumption. Red strip stamps are used by domestic and foreign bottlers. Green strip stamps are used by domestic bottlers for bottled-in-bond products. Reported by fiscal year ending June 30 (1972–1976) and Sept. 30 (1977–1981).

[a]Three months ending September 1976 for transition to new fiscal year.

[b]Less than 500.

[c]Year 1980 includes 14.546 million alternative devices for domestic use. In 1981 a total of 26.148 million alternative stamps for domestic use were as follows: 50-ml size — 6.829 million; 200 ml — 19.078 million; and 500 ml — 241 thousand.

[d]Beginning 1981, all bottling in metric containers.

[r]Revised.

Sources: Internal Revenue Service, U.S. Treasury Department; Bureau of Alcohol, Tobacco, and Firearms, U.S. Treasury Department.

Table 27. Distilled Spirits Volume Represented by Strip Stamps[a], by Bottle Size and Stamp Color, 1972–1981

(000 Wine Gallons)

Fiscal Year[b] and Color	Less than 1/2 Pint 50 ml	1/2 Pint 200 ml	3/4 Pint	4/5 Pint	1 Pint 500 ml	3/4 Quart	4/5 Quart 750 ml	1 Quart 1 Liter	1/2 Gallon 1.75 Liter	1 Gallon	Total
1972											
Red	1,876	36,474	858	9,927	37,918	5,196	123,675	138,930	46,636	762	402,251
Green	22	980	—	44	892	—	2,265	946	220	20	5,389
Total	1,398	37,454	858	9,971	38,810	5,196	125,940	139,876	46,856	782	407,640
1973											
Red	2,062	33,383	1,086	10,024	35,031	7,015	112,680	135,534	53,645	1,633	392,093
Green	20	915	—	36	822	—	2,117	928	308	7	5,152
Total	2,082	34,298	1,086	10,060	35,853	7,015	114,796	136,462	53,953	1,640	397,244
1974											
Red	2,389	34,051	2,533	8,736	35,197	7,744	115,011	136,887	67,600	1,093	411,242
Green	17	744	—	41	707	—	1,774	796	276	2	4,358
Total	2,406	34,795	2,533	8,777	35,904	7,744	116,786	137,683	67,877	1,095	415,599
1975											
Red	2,894	33,898	2,255	8,310	34,476	10,612	103,079	138,170	74,825	649	409,167
Green	14	685	—	31	643	—	1,649	779	311	3	4,115
Total	2,907	34,583	2,255	8,341	35,120	10,612	104,727	138,949	75,136	652	413,281
1976											
Red	2,968	35,777	2,868	8,186	34,050	12,545	104,224	141,827	83,862	484	426,791
Green	14	679	—	24	656	—	1,547	850	373	2	4,146
Total	2,983	36,456	2,868	8,210	34,706	12,545	105,771	142,678	84,235	486	430,937
1976[c]											
Red	762	7,899	1,104	1,915	7,394	3,148	23,339	31,291	19,042	101	95,996
Green	2	103	—	4	114	—	271	145	79	(b)	717
Total	764	8,002	1,104	1,919	7,508	3,148	23,609	31,436	19,121	102	96,713
1977											
Red: U.S. Measure	3,091	28,247	3,059	8,580	30,584	13,284	70,816	138,339	43,912	797	340,709
Metric	5	5,371	—	—	28	—	27,596	321	38,471	—	71,793
Green: U.S. Measure	13	414	—	17	524	—	985	708	190	1	2,851
Metric	—	95	—	—	(b)	—	232	17	155	—	499
Subtotal U.S.	3,104	28,661	3,059	8,597	31,108	13,284	71,801	139,047	44,102	798	343,560
Subtotal Metric	5	5,466	—	—	28	—	27,829	338	38,626	—	72,292
Total	3,108	34,127	3,059	8,597	31,136	13,284	99,630	139,385	82,728	798	415,853
1978											
Red: U.S. Measure	2,905	7,250	2,984	9,521	34,175	15,997	20,053	140,715	3,077	463	237,139
Metric	168	25,390	—	—	259	—	77,890	876	82,197	—	186,780
Green: U.S. Measure	11	68	—	16	572	—	210	785	6	2	1,670
Metric	—	395	—	—	(b)	—	1,038	—	410	—	1,844
Subtotal U.S.	2,915	7,318	2,984	9,537	34,747	15,997	20,263	141,501	3,084	464	238,809
Subtotal Metric	168	25,785	—	—	259	—	78,928	876	82,607	—	188,623
Total	3,083	33,103	2,984	9,537	35,006	15,997	99,191	142,377	85,691	464	427,432
1979											
Red: U.S. Measure	3,699	1,977	2,697	10,427	31,823	15,437	9,285	142,776	1,125	482	219,727
Metric	359	31,438	—	—	1,819	—	85,509	3,329	87,562	—	210,016
Green: U.S. Measure	9	13	—	28	506	—	9	670	—	(d)	1,235
Metric	(d)	362	—	—	16	—	1,059	—	398	—	1,836
Subtotal U.S.	3,708	1,989	2,697	10,455	32,329	15,437	9,295	143,445	1,125	482	220,962
Subtotal Metric	359	31,801	—	—	1,835	—	86,568	3,329	87,960	—	211,852
Total	4,067	33,790	2,697	10,455	34,164	15,437	95,862	146,774	89,085	482	432,814
1980											
Red: U.S. Measure	416	441	992	3,020	9,742	4,633	812	51,074	38	227	71,394
Metric	1,682	28,647[r]	—	—	31,082[r]	—	103,233[r]	93,659	97,859	—	356,163[r]
Green: U.S. Measure	(d)	2	—	2	92	—	—	266	—	(d)	361
Metric	8	369	—	—	472	—	1,290	556	750	—	3,446
Subtotal U.S.	416	443	992	3,021	9,833	4,633	812	51,340	38	227	71,756
Subtotal Metric	1,691[r]	29,016	—	—	31,554[r]	—	104,524[r]	94,215	98,609	—	359,609[r]
Total	2,107[r]	29,460	992	3,021	41,388[r]	4,633	105,335	145,555	98,647	227	431,364[r]
1981[f]											
Red: Metric	2,272[e]	29,686[e]	—	—	44,335[e]	—	109,343	136,650	110,283	—	432,570
Green: Metric	5	345	—	—	401	—	879	1,486	897	—	4,013
Total Metric	2,276	30,032	—	—	44,736	—	110,223	138,136	111,181	—	436,583

NOTE: Because of rounding, detail may not add to total. Metric volumes converted to gallons.

[a] Stamps used by domestic bottlers and importers for products destined for U.S. consumption. Red strip stamps are used by domestic and foreign bottlers. Green strip stamps are used by domestic bottlers for bottled-in-bond products.

[b] Reported by fiscal year ending June 30 (1972–1976) and Sept. 30 (1977–1981).

[c] Three months ending September 1976 for transition to new fiscal year.

[d] Less than 500.

[e] Gallonage for 1981 includes 1.13 million wine gallons in containers with alternative devices (i.e., strip stamps printed on bottle caps); 1980, 768 thousand gallons.

[f] Beginning 1981, all bottling in metric containers.

[r] Revised.

Sources: Internal Revenue Service, U.S. Treasury Department; Bureau of Alcohol, Tobacco, and Firearms, U.S. Treasury Department.

FOREIGN TRADE

Exports—The United States exported 9.0 million proof gallons of distilled spirits in 1981, 5.5 percent more than 1980. Whiskey, the largest single export category, increased 11.7 percent to 4.8 million gallons. Non-whiskey exports decreased 0.6 percent (Table 28). Most non-whiskey exports are in a mixed category, "other spirits," believed to be mostly vodka and cordials, which amounted to 3.7 million gallons in 1981, a decline of 2.4 percent from 1980. Brandy exports in 1981 more than doubled but were still relatively small at 100,000 gallons.

Exports by country of destination are shown in Table 29. The chief markets were Canada, the Federal Republic of Germany, Australia, Norway, Japan, Sweden, and the United Kingdom.

Exports amounted to 2-3 percent of total domestic distilled spirits entering U.S. trade channels in 1981 (wine gallon basis).

Shipments of spirits from the United States to Puerto Rico and the U.S. Virgin Islands increased 56.1 percent between 1980 and 1981 to 1.6 million proof gallons (Table 30).

Imports—Imports provided 30.3 percent of the total U.S. supply of distilled spirits in 1981, amounting to 116.3 million proof gallons, 2.2 percent greater than imports in 1980. Chief suppliers were Canada, the United Kingdom, Mexico, and France. Whiskey made up 74.4 percent of the total in 1981 followed by cordials, tequila, brandy, and gin (Table 32). Imports by country of origin are shown in Table 33.

Bulk imports of whiskey to be bottled in the U.S. have increased relative to bottled imports over the years. Bulk imports in 1970 amounted to 26.2 million proof gallons, 32.7 percent of total whiskey imports in that year. By 1981, bulk imports rose to 44.8 million gallons or 51.7 percent of total whiskey imports (Table 32). Almost half of cordials are imported in bulk. However, imports of gin, vodka, and brandy are mostly bottled (Table 34).

Shipments from Puerto Rico and U.S. Virgin Islands

Shipments of distilled spirits to the United States from Puerto Rico and the U.S. Virgin Islands (mostly rum) increased to 25.8 million proof gallons in 1981, 1 percent higher than 1980 (Table 35).

Table 28. United States Commerical Exports of Distilled Spirits, 1934–1981

(000 Proof Gallons)

Calendar Year	Whiskey	Percentage Change From Previous Year	Rum	Brandy	Gin	Other Distilled Spirits	Non-Whiskey	Percentage Change From Previous Year	All Distilled Spirits Total	Percentage Change From Previous Year
1934	NA	—	NA	NA	NA	—	NA	—	8	—
1935	NA	—	NA	NA	NA	—	NA	—	36	--
1940	190	—	NA	NA	NA	15	15	—	205	—
1945	938	—	NA	NA	NA	128	128	—	1,066	—
1950	817	—	NA	NA	24	85	109	—	926	—
1955	1,318	—	NA	NA	NA	701	701	—	2,019	—
1960	1,074	—	NA	NA	NA	580	580	—	1,654	—
1961	736	-31.4	NA	NA	NA	782	782	34.7	1,518	-8.2
1962	674	-8.5	NA	NA	NA	647	647	-17.3	1,320	-13.0
1963	825	22.4	NA	NA	NA	735	735	13.7	1,560	18.2
1964	1,141	38.4	NA	NA	NA	988	988	34.4	2,129	36.5
1965	1,143	0.2	NA	NA	NA	991	991	0.3	2,134	0.2
1966	1,457	27.5	NA	NA	NA	703	703	-29.0	2,161	1.2
1967	1,683	15.5	NA	NA	NA	607	607	-13.6	2,290	6.0
1968	2,023	20.2	237	99	NA	847	1,184	94.9	3,207	40.0
1969	2,669	31.9	243	62	NA	999	1,304	10.2	3,973	23.9
1970	2,738	2.6	346	32	NA	874	1,251	-4.1	3,989	0.4
1971	3,862	41.0	288	29	NA	1,178	1,495	19.5	5,357	34.3
1972	4,350	12.6	212	38	NA	1,380	1,631	9.1	5,981	11.6
1973	5,044	16.0	139	51	NA	1,919	2,110	29.4	7,154	19.6
1974	5,488	8.8	396	55	NA	2,795	3,247	53.9	8,735	22.1
1975	5,356	-2.4	193	34	NA	2,717	2,945	-9.3	8,301	-5.0
1976	4,737	-11.6	227	57	NA	3,442	3,726	26.5	8,463	2.0
1977	4,770	0.7	239	22	NA	3,176	3,437	-7.7	8,207	-3.0
1978	4,829	1.2	303	63	54	3,416	3,835	11.6	8,664	5.6
1979	4,598	-4.8	341	56	55	3,199	3,650	-4.8	8,248	-4.8
1980	4,253	-7.5	291	47	172	3,800	4,309	18.1	8,563	3.8
1981	4,751	11.7	386	100	89	3,710	4,285	-0.6	9,037	5.5

NOTE: Because of rounding, detail may not add to total. Percentages were calculated before rounding.
NA: Not available. Rum and brandy included in Other Distilled Spirits before 1968, gin before 1978.
Source: Bureau of the Census, U.S. Department of Commerce.

Table 29. United States Commercial[a] Exports of Distilled Spirits by Destination, 1980 and 1981

(000 Proof Gallons)

Country of Destination	Whiskey		Other Distilled Spirits		Total	
	1981	1980	1981	1980	1981	1980
Angola	—	—	20	5	20	5
Argentina	4	1	18	6	22	7
Australia	532	332	212	215	744	547
Austria	33	48	*	—	33	48
Bahamas	13	18	227	109	240	127
Bahrain	2	3	1	1	3	4
Bangladesh	*	*	*	1	*	1
Barbados	*	1	9	5	9	6
Belgium	107	70	314	248	421	318
Belize	1	*	9	1	10	1
Bermuda	3	7	58	53	61	60
Bolivia	—	—	7	1	7	1
Br. Pacific Islands	*	*	—	—	*	*
Br. Virgin Islands	4	1	109	28	113	29
Brazil	1	1	1	3	2	4
Canada	1,322	783	461	749	1,783	1,532
Canary Islands	2	2	2	4	4	6
Cayman Islands	4	2	8	6	12	8
Chile	6	5	57	35	63	40
China (Taiwan)	10	10	5	5	15	15
Colombia	5	7	40	14	45	21
Congo	—	*	—	4	—	4
Costa Rica	*	1	1	5	1	6
Cyprus	*	2	16	1	16	3
Czechoslovakia	1	—	—	—	1	—
Denmark	14	12	27	25	41	37
Djibouti	1	—	*	—	1	—
Dominican Republic	1	3	11	4	12	7
Ecuador	1	*	11	1	12	1
Egypt	1	1	1	1	2	2
El Salvador	2	*	5	8	7	8
Federal Rep. of Germany	1,226	1,428	117	130	1,343	1,558
Finland	11	4	41	39	52	43
France	191	178	22	34	213	212
French Guiana	*	—	—	—	*	—
French West Indies	1	4	13	15	14	19
Ghana	—	—	4	*	4	*
Gibraltar	*	*	—	3	*	3
Greece	8	6	25	12	33	18
Guatemala	1	1	13	14	14	15
Guinea	—	*	—	—	—	*
Guyana	*	—	*	*	*	*
Haiti	8	3	9	13	17	16
Honduras	*	*	10	13	10	13
Hong Kong	17	9	28	18	45	27
Iceland	6	7	86	62	92	69
India	*	*	2	1	2	1
Indonesia	17	6	22	12	39	18
Ireland	2	*	24	10	26	10
Israel	20	38	93	72	113	110
Italy	95	95	15	46	110	141
Ivory Coast	12	—	3	—	15	—
Jamaica	2	1	1	1	3	2
Japan	393	361	99	55	492	416
Jordan	*	*	—	*	*	*
Kenya	1	1	—	—	1	1
Korea, Republic of	8	12	4	5	12	17

Table 29, Cont'd. United States Commercial[a] Exports of Distilled Spirits by Destination, 1980 and 1981

(000 Proof Gallons)

Country of Destination	Whiskey		Other Distilled Spirits		Total	
	1981	1980	1981	1980	1981	1980
Kuwait	—	—	—	1	—	1
Lebanon	*	*	4	9	4	9
Liberia	1	*	2	—	3	*
Madeira Islands	—	—	1	—	1	—
Malaysia	2	2	8	*	10	2
Malta	2	4	4	9	6	13
Mexico	80	60	73	15	153	75
Morocco	7	—	—	—	7	—
Nepal	—	—	2	—	2	—
Netherlands	51	64	130	98	181	162
Netherlands Antilles	19	14	150	129	169	143
New Caledonia	1	*	1	1	2	1
New Zealand	171	318	35	25	206	343
Nicaragua	—	*	3	1	3	1
Nigeria	—	7	2	3	2	10
Norway	7	5	524	706	531	711
Oman	*	*	*	*	*	*
Other Pacific Islands	*	3	1	1	1	4
Pakistan	—	*	—	*	—	*
Panama	67	32	81	52	148	84
Papua New Guinea	1	1	*	—	1	1
Paraguay	1	*	*	4	1	4
Peru	5	5	21	8	26	13
Philippines	6	3	5	7	11	10
Poland	1	7	—	2	1	9
Portugal	2	3	8	*	10	3
Saudi Arabia	—	*	—	—	—	*
Senegal	—	*	—	—	—	*
Sierra Leone	—	*	—	—	—	*
Singapore	13	15	22	6	35	21
Spain	8	12	10	25	18	37
South Africa, Republic of	13	6	60	40	73	46
Sri Lanka	*	*	1	2	1	2
Sudan	—	2	—	*	—	2
Surinam	*	*	9	2	9	2
Sweden	28	30	463	555	491	585
Switzerland	39	43	7	6	46	49
Thailand	11	8	31	19	42	27
Trinidad and Tobago	*	*	3	1	3	1
Trust Terr. of Pacific Islands	*	4	9	2	9	6
Tunisia	*	*	—	—	*	*
Turkey	*	*	3	2	3	2
Turks Island	*	*	*	3	*	3
United Arab Emirates	8	3	1	1	9	4
United Kingdom	93	110	316	449	409	559
Uruguay	2	1	1	*	3	1
Venezuela	14	5	22	20	36	25
Western Africa	1	17	1	1	2	18
Western Samoa	1	*	1	1	2	1
Yugoslavia	—	*	4	—	4	*
Zambia	—	*	—	*	—	*
Zimbabwe (Rhodesia)	—	—	—	1	—	1
Total	**4,751**	**4,253**	**4,285**	**4,309**	**9,037**	**8,563**

NOTE: Because of rounding, detail may not add to total.

*Less than 500 gallons.

[a]Not including shipments specifically consigned to the U.S. military and naval forces abroad, shipments to officials of the U.S., including diplomatic representatives, for their official and personal use, ships' stores for consumption on vessels and shipments passing through the U.S. in transit from one country to another. Includes shipments to foreign diplomatic establishments outside the United States.

Source: Bureau of the Census, U.S. Department of Commerce.

Table 30. United States Shipments of Distilled Spirits to Puerto Rico and U.S. Virgin Islands, 1980 and 1981

(000 Proof Gallons)

Class and Type of Container	Puerto Rico				U.S. Virgin Islands				Total		
	Calendar Year		Change	Percentage Change	Calendar Year		Change	Percentage Change			Percentage Change
	1981	1980			1981	1980			1981	1980	
Whiskey											
Bottled	108	79	29	36.7	25	43	−17	−40.2	133	121	9.7
Bulk	9	10	−1	−10.7	23	4	20	—	33	14	133.3
Total Whiskey	**117**	**89**	**28**	**31.2**	**49**	**46**	**3**	**6.0**	**166**	**135**	**22.6**
Rum											
Bottled	164	29	134	456.2	77	59	18	29.8	241	89	171.1
Bulk	13	13	*	−1.2	36	10	26	250.4	49	23	110.0
Total Rum	**177**	**42**	**134**	**316.0**	**113**	**70**	**44**	**62.4**	**290**	**112**	**158.4**
Gin	671	369	302	81.9	64	53	11	21.1	736	422	74.2
Brandy	*	*	*	124.2	2	19	−16	−86.7	3	19	−84.3
Other Distilled Spirits	146	109	37	33.5	268	233	35	15.1	414	342	21.0
Total Shipments	**1,111**	**610**	**501**	**82.1**	**497**	**420**	**77**	**18.2**	**1,608**	**1,030**	**56.1**

NOTE: Because of rounding, detail may not add to total. Percentages were calculated before rounding.
*Less than 500 gallons.
Source: Bureau of the Census, U.S. Department of Commerce.

Table 31. Shipments of Distilled Spirits from the United States to Puerto Rico and U.S. Virgin Islands by Class, 1972-1981

(000 Proof Gallons)

Calendar Year	Destination	Whiskey	Rum	Gin	Brandy	Other Distilled Spirits	Total
1972	Puerto Rico	44	136		2	165	347
	Virgin Islands	30	79		*	214	324
	Total	**75**	**215**	**NA**	**3**	**379**	**672**
1973	Puerto Rico	41	76		10	152	278
	Virgin Islands	45	143		—	155	343
	Total	**86**	**219**	**NA**	**10**	**306**	**622**
1974	Puerto Rico	77	63		2	130	272
	Virgin Islands	42	160		1	138	341
	Total	**118**	**223**	**NA**	**3**	**268**	**613**
1975	Puerto Rico	36	18		3	139	195
	Virgin Islands	50	70		2	158	280
	Total	**86**	**88**	**NA**	**4**	**297**	**475**
1976	Puerto Rico	32	14		2	457	505
	Virgin Islands	74	146		7	122	349
	Total	**106**	**160**	**NA**	**9**	**578**	**854**
1977	Puerto Rico	10	2		1	364	378
	Virgin Islands	141	159		4	123	427
	Total	**151**	**162**	**NA**	**5**	**487**	**805**
1978	Puerto Rico	31	10	333	*	228	603
	Virgin Islands	95	178	83	12	221	589
	Total	**125**	**188**	**416**	**12**	**450**	**1,192**
1979	Puerto Rico	19	47	513	1	60	641
	Virgin Islands	60	88	81	12	270	512
	Total	**79**	**135**	**595**	**12**	**331**	**1,153**
1980	Puerto Rico	89	42	369	*	109	610
	Virgin Islands	46	70	53	19	233	420
	Total	**135**	**112**	**422**	**19**	**342**	**1,030**
1981	Puerto Rico	117	177	671	*	146	1,111
	Virgin Islands	49	113	64	2	268	497
	Total	**166**	**290**	**736**	**3**	**414**	**1,608**

NOTE: Because of rounding, detail may not add to total.
NA: Not available.
*Less than 500 gallons.
Source: Bureau of the Census, U.S. Department of Commerce.

Table 32. United States Dutiable Imports of Distilled Spirits for Consumption by Class, 1934-1981

(000 Tax or Proof Gallons[a])

Calendar Year	Whiskey			Gin	Rum	Brandy	Cordials	Vodka[c]	Tequila[d]	Other	Bitters[e]	Total
	Bottled	Bulk[b]	Total									
1934	—	—	5,625	153	316	556	—	—	—	584	—	7,234
1935	—	—	5,847	60	482	445	—	—	—	227	—	7,063
1940	—	—	9,715	56	407	773	261	—	—	26	—	11,238
1945	—	—	8,600	335	979	1,433	151	—	—	6,370	—	17,868
1950	14,966	365	15,330	108	232	791	319	—	—	96	—	16,877
1955	21,465	355	21,820	291	197	1,214	445	—	—	116	—	24,082
1960	31,302	1,645	32,947	1,149	245	1,828	812	—	—	221	—	37,203
1961	32,095	2,359	34,454	1,365	212	1,903	903	—	—	264	—	39,101
1962	34,685	3,485	38,170	1,611	214	1,992	998	—	—	302	—	43,287
1963	35,557	4,618	40,175	1,752	220	2,269	1,128	—	—	285	—	45,828
1964	36,947	7,463	44,411	2,167	491	1,925	1,326	—	—	370	—	50,689
1965	40,885	9,449	50,334	2,498	248	2,004	1,515	—	—	495	—	57,095
1966	40,906	12,017	52,923	2,808	273	2,152	1,662	—	—	632	—	60,450
1967	44,389	15,316	59,705	3,036	281	2,286	2,160	—	—	800	—	68,267
1968	48,370	18,132	66,502	3,193	284	2,310	2,315	—	—	938	—	75,544
1969	51,730	22,357	74,086	3,522	320	2,459	2,725	—	—	1,108	—	84,219
1970	53,757	26,176	79,933	3,869	367	2,674	2,917	—	—	1,143	—	90,903
1971	60,541	28,747	89,287	4,251	375	3,311	3,470	—	—	1,445	—	102,139
1972	55,918	31,768	87,686	4,201	339	2,694	3,145	—	—	2,030	—	100,156
1973	57,960	34,345	92,304	4,627	379	2,997	3,723	—	—	3,249	—	107,280
1974	58,097	35,821	93,917	4,965	426	2,786	4,056	—	4,308	507	—	110,966
1975	51,777	43,201	94,978	4,821	682	2,830	4,433	—	5,180	537	—	113,461
1976	52,448	39,621	92,069	5,073	588	3,894	4,905	—	5,556	629	—	112,713
1977	51,228	39,994	91,223	5,324	657	3,306	5,610	—	5,860	1,077	—	113,056
1978	54,767	47,118	101,886	6,212	874	4,381	7,370	—	6,361	1,520	—	128,602
1979	44,240	44,141	88,381	5,992	714	4,165	6,423	—	6,343	1,258	291	113,567
1980	41,496	44,505	86,000	5,754	1,090	4,885	7,303	1,463	6,890	184	182	113,751
1981	41,774	44,760	86,534	5,463	969	5,596	8,277	1,966	7,078	214	154	116,251

NOTE: Because of rounding, detail may not add to total.

[a] Data for the years 1934 through 1978 are in tax gallons; data for 1979 and 1980 are in proof gallons.

[b] Indicates shipments in wood or metal containers each holding more than one gallon.

[c] Before 1980 vodka included in "Other."

[d] Before 1974 tequila included in "Other."

[e] Before 1979 bitters included in "Other."

Figure 11. United States Imports of Distilled Spirits, 1971 and 1981

(Millions of Wine Gallons)

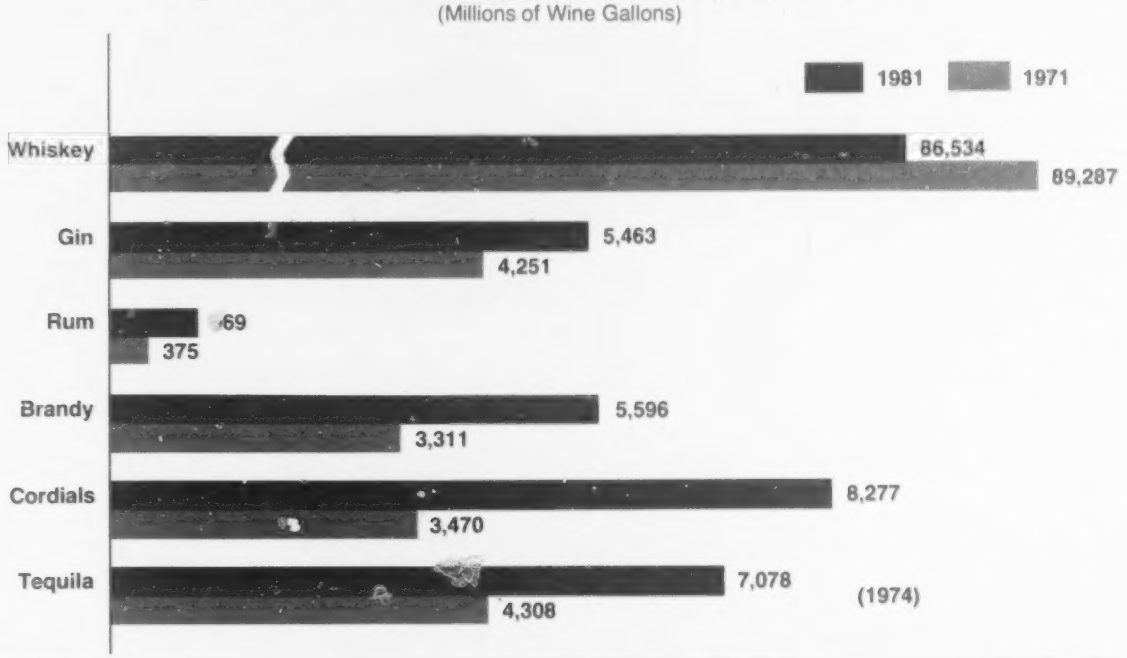


Table 33. United States Dutiable Imports of Distilled Spirits for Consumption by Class and Country of Origin, 1980 and 1981

(000 Proof Gallons)

Country of Origin	1981 In Containers of One Gallon or Less	1981 In Containers of Over One Gallon	1981 Total	1980 In Containers of One Gallon or Less	1980 In Containers of Over One Gallon	1980 Total
			WHISKEY			
Canada	17,810	28,010	45,820	18,028	26,443	44,471
China (People's Republic of China)	—	—	—	*	—	*
Federal Republic of Germany	2	—	2	*	—	*
France	—	—	—	*	—	*
Ireland	92	468	560	100	290	390
Italy	1	—	1	*	—	*
Japan	11	—	11	4	—	4
Korea, Republic of	*	—	*	—	—	—
Norway	—	—	—	*	—	*
Panama	2	—	2	—	—	—
Poland	*	—	*	—	—	—
Spain	—	—	—	*	—	*
United Kingdom	23,857	16,282	40,139	23,364	17,772	41,136
Total Whiskey	**41,774**	**44,760**	**86,534**	**41,496**	**44,505**	**86,000**
			GIN			
Belgium	2	—	2	—	—	—
Canada	3	—	3	1	1	2
Columbia	—	—	—	*	—	*
Costa Rica	—	—	—	5	—	5
Denmark	—	—	—	*	—	*
Federal Rep. of Germany	6	*	6	5	*	5
Finland	1	—	1	—	*	*
France	4	—	4	8	—	8
Guyana	—	—	—	*	—	*
Haiti	—	—	—	—	*	*
India	*	—	*	*	—	*
Israel	*	—	*	*	—	*
Italy	—	1	1	*	—	*
Mexico	3	—	3	1	3	3
Netherlands	6	*	6	13	—	13
Norway	*	—	*	*	—	*
Portugal	—	—	—	*	—	*
Spain	1	—	1	1	—	1
Sweden	*	—	*	—	—	—
U.S.S.R.	1	—	1	2	*	2
Uganda	—	—	—	*	—	*
United Kingdom	5,287	148	5,435	5,522	192	5,714
Total Gin	**5,314**	**149**	**5,463**	**5,558**	**196**	**5,754**
			RUM			
Austria	1	—	1	1	—	1
Bahamas	9	*	9	20	52	71
Barbados	17	138	155	1	125	125
Bermuda	1	—	1	*	—	*
Br. Virgin Islands	1	—	1	*	—	*
Brazil	*	—	*	*	—	*
Canada	1	3	4	1	—	1
Cayman Islands	*	—	*	—	—	—
Columbia	2	—	2	3	—	3
Dominican Republic	—	27	27	1	21	23
Federal Rep. of Germany	1	—	1	—	—	—
French W. Indies	3	28	31	1	1	2
Guatemala	—	—	—	*	—	*
Guyana	14	4	18	24	54	78
Haiti	17	8	25	11	—	11
India	—	15	15	—	—	—
Jamaica	47	591	637	49	717	766
Mexico	*	—	*	*	—	*
Netherlands Antilles	2	*	2	—	—	—
Panama	—	—	—	2	—	2
Philippines	21	2	23	*	—	*
Trinidad and Tobago	6	—	6	2	—	2
Venezuela	9	—	9	2	—	2
Yugoslavia	—	—	—	*	—	*
Total Rum	**154**	**814**	**969**	**120**	**970**	**1,090**

Table 33, Cont'd. United States Dutiable Imports of Distilled Spirits for Consumption by Class and Country of Origin, 1980 and 1981

(000 Proof Gallons)

Country of Origin	1981 In Containers of One Gallon or Less	1981 In Containers of Over One Gallon	1981 Total	1980 In Containers of One Gallon or Less	1980 In Containers of Over One Gallon	1980 Total
			BRANDY			
Argentina	*	6	7	—	1	1
Austria	*	—	*	1	—	1
Belgium	2	3	5	*	—	*
Brazil	*	—	*	—	—	—
Canada	1	—	1	*	—	*
Chile	—	—	—	*	—	*
China (People's Republic of China)	1	—	1	—	—	—
Cyprus	*	—	*	*	—	*
Czechoslovakia	1	—	1	—	—	—
Denmark	1	—	1	—	—	—
Federal Rep. of Germany	19	1	19	12	2	15
France	3,638	745	4,383	2,969	750	3,719
German Democratic Rep.	*	—	*	10	—	10
Greece	4	13	17	2	*	2
Hungary	—	—	—	*	—	*
Iran	*	—	*	—	—	—
Ireland	1	—	1	—	—	—
Israel	6	—	6	12	*	12
Italy	12	66	78	20	98	118
Japan	*	—	*	*	—	*
Mexico	371	—	371	333	2	334
Netherlands	5	2	7	6	1	7
Netherlands Antilles	2	—	2	—	—	—
Norway	—	—	—	*	—	*
Peru	1	23	23	5	*	5
Poland	1	—	1	1	—	1
Portugal	37	14	51	25	2	28
South Africa, Republic of	*	—	*	*	—	*
Spain	459	45	504	459	76	535
Swaziland	—	—	—	*	—	*
Sweden	*	*	*	—	—	—
Switzerland	1	—	1	*	—	*
U.S.S.R.	1	—	1	—	—	—
United Kingdom	43	40	83	60	7	66
Yugoslavia	24	6	30	27	2	30
Total Brandy	**4,631**	**964**	**5,596**	**3,942**	**943**	**4,885**
			CORDIALS, LIQUEURS, KIRSCHWASSER, AND RATAFIA			
Argentina	*	—	*	—	—	—
Australia	6	—	6	6	—	6
Austria	4	—	4	2	*	3
Azores	2	—	2	*	—	*
Bahamas	13	1	14	8	—	8
Belgium	11	*	11	8	—	8
Bermuda	3	—	3	*	—	*
Brazil	*	—	*	3	—	3
Bulgaria	*	—	*	—	—	—
Canada	17	491	507	41	568	610
China (People's Republic of China)	5	—	5	7	—	7
China (Taiwan)	1	—	1	1	—	1
Columbia	30	—	30	13	—	13
Cyprus	1	—	1	*	—	*
Czechoslovakia	—	—	—	*	—	*
Denmark	44	—	44	7	15	21
Dominican Republic	6	—	6	*	—	*
Federal Rep. of Germany	121	7	128	48	14	62
Finland	1	—	1	*	—	*
France	1,111	105	1,216	1,077	102	1,179
German Democratic Republic	1	—	1	*	—	*
Gibraltar	—	—	—	1	—	1
Greece	138	16	154	219	4	223
Haiti	*	—	*	—	—	—
Hong Kong	5	—	5	7	*	7
Hungary	1	—	1	—	—	—
Iceland	1	—	1	—	—	—
Ireland	689	2	691	324	—	324

Table 33, Cont'd. United States Dutiable Imports of Distilled Spirits for Consumption by Class and Country of Origin, 1980 and 1981

(000 Proof Gallons)

Country of Origin	1981 In Containers of One Gallon or Less	1981 In Containers of Over One Gallon	1981 Total	1980 In Containers of One Gallon or Less	1980 In Containers of Over One Gallon	1980 Total
			CORDIALS, LIQUEURS, KIRSCHWASSER, AND RATAFIA (Cont'd.)			
Israel	3	6	9	3	7	10
Italy	946	734	1,680	826	858	1,684
Jamaica	32	391	424	20	359	379
Japan	122	—	122	68	—	68
Jordan	—	—	—	1	—	1
Mexico	128	2,229	2,357	91	1,879	1,970
Netherlands	13	13	26	9	47	57
Netherlands Antilles	1	—	1	—	—	—
New Zealand	*	—	*	2	—	2
Norway	*	—	*	*	—	*
Peru	*	—	*	—	—	—
Poland	3	—	3	3	—	3
Portugal	6	—	6	3	—	3
South Africa, Republic of	*	—	*	—	—	—
Sierra Leone	*	—	*	—	—	—
Spain	69	*	69	26	—	26
Sweden	—	—	—	*	—	*
Switzerland	1	1	2	1	3	4
Turkey	13	*	14	2	—	2
U.S.S.R.	2	*	2	1	*	1
United Kingdom	697	30	727	603	11	613
Yugoslavia	4	—	4	4	*	4
Total Cordials, etc.	**4,250**	**4,027**	**8,277**	**3,435**	**3,369**	**7,303**
			VODKA			
Austria	1	—	1	*	—	*
Belgium	*	—	*	—	—	—
Brazil	19	517	536	31	370	400
Cambodia	—	—	—	*	—	*
Canada	67	2	69	59	—	59
China (People's Republic of China)	3	—	3	6	—	6
China (Taiwan)	—	—	—	1	—	1
Czechoslovakia	—	—	—	1	—	1
Denmark	1	—	1	2	—	2
Federal Rep. of Germany	3	—	3	3	1	4
Finland	230	4	234	182	*	182
France	2	—	2	*	—	*
Hong Kong	—	—	—	*	—	*
Hungary	—	—	—	*	—	*
Ireland	*	—	*	—	—	—
Israel	2	—	2	1	—	1
Italy	*	—	*	—	—	—
Japan	44	—	44	46	1	47
Mexico	6	—	6	—	—	—
Netherlands	2	*	2	1	—	1
Poland	72	18	90	38	1	40
Romania	—	—	—	*	—	*
Spain	*	—	*	1	—	1
Sweden	163	*	163	125	—	125
Turkey	—	—	—	—	108	108
U.S.S.R.	795	5	801	474	2	476
United Kingdom	10	—	10	8	*	8
Yugoslavia	*	—	*	*	—	*
Total Vodka	**1,420**	**546**	**1,966**	**979**	**483**	**1,463**

Table 33, Cont'd. United States Dutiable Imports of Distilled Spirits for Consumption by Class and Country of Origin, 1980 and 1981

(000 Proof Gallons)

Country of Origin	1981 In Containers of One Gallon or Less	1981 In Containers of Over One Gallon	1981 Total	1980 In Containers of One Gallon or Less	1980 In Containers of Over One Gallon	1980 Total
			TEQUILA			
Mexico	35	7,043	7,078	26	6,864	6,890
			BITTERS			
Austria	*	—	*	*	—	*
Canada	2	—	2	2	—	2
Colombia	—	*	*	—	*	*
Denmark	1	—	1	1	—	1
Federal Rep. of Germany	1	—	1	6	—	6
France	—	—	—	*	—	*
Greece	2	—	2	*	*	*
Haiti	—	—	—	—	*	*
Italy	3	64	67	2	91	93
Mexico	—	—	—	*	—	*
Spain	*	—	*	—	—	—
Switzerland	*	—	*	*	—	*
Trinidad and Tobago	*	80	80	—	78	78
United Kingdom	—	—	—	*	—	*
Yugoslavia	*	—	*	*	—	*
Total Bitters	**10**	**144**	**154**	**12**	**170**	**182**
			OTHER DISTILLED SPIRITS			
Austria	*	—	*	*	—	*
Bahamas	—	1	1	—	1	1
Brazil	*	1	2	*	—	*
Canada	18	1	20	1	2	2
China (People's Republic of China)	6	—	6	5	*	5
China (Taiwan)	5	*	5	4	1	5
Colombia	18	—	18	18	1	19
Denmark	7	16	22	6	25	31
Dominican Republic	3	—	3	—	—	—
Federal Rep. of Germany	*	—	*	*	—	*
Finland	2	—	2	—	—	—
France	2	*	3	1	*	1
Greece	1	*	1	*	—	*
Hong Kong	2	—	2	2	—	2
Ireland	—	8	8	1	—	1
Israel	5	—	5	4	—	4
Italy	1	*	1	1	1	2
Japan	1	—	1	—	*	*
Korea, Republic of	*	—	*	—	—	—
Lebanon	4	—	4	10	10	20
Mexico	78	—	78	61	—	61
Netherlands	1	—	1	1	*	1
Norway	2	—	2	1	—	1
Panama	1	—	1	*	—	*
Poland	*	5	5	*	4	5
Sweden	2	—	2	1	—	1
U.S.S.R.	3	—	3	2	1	3
United Kingdom	20	*	20	17	3	19
Venezuela	*	—	*	—	—	—
Yugoslavia	*	—	*	*	—	*
Total Other Dist. Spirits	**181**	**33**	**214**	**136**	**48**	**184**

NOTE: Because of rounding, detail may not add to total. Not including shipments specifically consigned to the U.S. military and naval forces abroad, shipments to U.S. officials, including diplomatic representatives, for their official and personal use, ships' stores for consumption on vessels and shipments passing through the United States in transit from one country to another. Includes shipments to foreign diplomatic establishments outside the United States.

*Less than 500 gallons.

Source: Bureau of the Census, U.S. Department of Commerce.

Table 34. United States Dutiable Imports of Distilled Spirits for Consumption, by Class, Bottled[a] and in Bulk[b], 1980 and 1981

(000 Proof Gallons)

Class and Type of Container	Calendar Year 1981	Calendar Year 1980	Gallonage Change	Percentage Change
Whiskey Total	**86,534**	**86,000**	**534**	**0.6**
Bottled	41,774	41,496	278	0.7
Bulk	44,760	44,505	256	0.6
Gin Total	**5,463**	**5,754**	**−291**	**−5.1**
Bottled	5,314	5,558	−244	−4.4
Bulk	149	196	−47	−24.0
Rum Total	**969**	**1,090**	**−121**	**−11.1**
Bottled	154	120	34	28.7
Bulk	814	970	−156	−16.0
Brandy Total	**5,596**	**4,885**	**711**	**14.6**
Bottled	4,631	3,942	690	17.5
Bulk	964	943	21	2.2
Vodka Total	**1,966**	**1,463**	**504**	**34.4**
Bottled	1,420	979	441	45.0
Bulk	546	483	63	13.0
Cordials, Liqueurs, etc, Total	**8,277**	**7,303**	**973**	**13.3**
Bottled	4,250	3,435	815	23.7
Bulk	4,027	3,869	159	4.1
Tequila Total	**7,078**	**6,890**	**188**	**2.7**
Bottled	35	26	9	33.8
Bulk	7,043	6,864	179	2.6
Spirits, N.E.S. Total	**214**	**184**	**30**	**16.0**
Bottled	181	136	45	32.9
Bulk	33	48	−15	−31.9
Bitters Total	**154**	**182**	**−27**	**−15.0**
Bottled	10	12	−1	−12.0
Bulk	144	170	−26	−15.2
Bottled Total	**57,770**	**55,703**	**2,066**	**3.7**
Bulk Total	**58,481**	**58,048**	**434**	**0.7**
Total Dutiable Imports	**116,251**	**113,751**	**2,500**	**2.2**

NOTE: Because of rounding, detail may not add to total. Percentages were calculated before rounding.

[a] Shipments in bottles each holding one gallon or less.

[b] Shipments in wood or metal containers each holding more than one gallon.

Source: Bureau of the Census, U.S. Department of Commerce.

Table 35. Shipments of Distilled Spirits to United States from Puerto Rico and U.S. Virgin Islands, 1935–1981

(000 Proof Gallons)

Calendar Year	From Puerto Rico					From U.S. Virgin Islands					Total Shipments
	Rum			Other Distilled Spirits	Total	Rum			Other Distilled Spirits	Total	
	Bottled[a]	Bulk[a]	Total			Bottled[a]	Bulk[a]	Total			
1935	—	—	89	1	90	—	—	65	—	65	155
1940	—	—	1,445	10	1,456	—	—	384	45	429	1,885
1945	—	—	2,909	27	2,936	—	—	930	—	930	3,866
1950	—	—	1,332	2	1,334	—	—	624	3	627	1,961
1955	—	—	1,597	5	1,602	—	—	444	33	478	2,080
1960	—	—	2,089	5	2,094	—	—	701	122	823	2,917
1961	—	—	2,537	55	2,593	—	—	693	93	786	3,379
1962	—	—	3,300	259	3,559	—	—	785	7	791	4,350
1963	—	—	3,033	669	3,703	—	—	735	11	746	4,448
1964	—	—	3,245	251	3,496	—	—	1,229	18	1,247	4,743
1965	—	—	3,721	115	3,836	—	—	918	15	933	4,769
1966	—	—	4,052	68	4,120	—	—	1,360	2	1,362	5,482
1967	—	—	4,940	71	5,010	—	—	1,258	8	1,266	6,277
1968	—	—	5,201	68	5,269	—	—	1,492	9	1,501	6,771
1969	—	—	4,852	70	4,921	—	—	1,421	12	1,433	6,354
1970	—	—	7,240	81	7,320	—	—	1,684	3	1,687	9,008
1971	—	—	8,473	71	8,544	—	—	2,103	3	2,107	10,651
1972	7,263	1,423	8,686	24	8,710	95	1,589	1,685	11	1,696	10,405
1973	8,365	1,430	9,795	16	9,811	77	1,633	1,709	*	1,710	11,521
1974	6,997	2,836	9,834	38	9,872	53	1,688	1,741	1	1,742	11,614
1975	7,403	3,746	11,149	48	11,197	52	1,940	1,992	—	1,992	13,189
1976	6,932	5,209	12,141	51	12,192	36	1,922	1,958	—	1,958	14,150
1977	8,848	5,913	14,761	57	14,817	29	2,024	2,053	—	2,053	16,870
1978	9,079	9,075	18,154	120	18,274	23	3,426	3,449	—	3,449	21,723
1979	9,779	13,477	23,257	151	23,408	39	3,207	3,246	—	3,246	26,653
1980	6,929	14,855	21,784	160	21,944	33	3,561	3,595	—	3,595	25,539
1981	8,216	14,099	22,315	93	22,407	19	3,375	3,394	—	3,394	25,802

NOTE: Because of rounding, detail may not add to total.

*Less than 500.

[a]Bottled and bulk rum from Puerto Rico and the U.S. Virgin Islands not available separately from 1935 to 1971.

Sources: Virgin Islands Rum Council; Puerto Rico Rum Producers Association, Inc; Bureau of the Census, U.S. Department of Commerce.

APPARENT CONSUMPTION

Apparent consumption of distilled spirits in the United States is estimated at 449.5 million wine gallons in 1981, almost unchanged from 1980 (Tables 36 and 37). Estimates of consumption may be affected by factors that distort individual state data[1] (Table 38).

Apparent consumption in the License States and the District of Columbia at 339 million gallons in 1981 was 0.5 percent greater than 1980 (Table 39). Sixteen License States increased consumption while consumption in fifteen states and the District of Columbia decreased with one state unchanged (Table 39).

In Control States, consumption decreased 1.4 percent to total 110 million gallons in 1981. Consumption increased in five Control States and decreased in thirteen (Table 39).

Per capita consumption in 1981 dropped 1 percent from 1980 to 1.96 wine gallons (Table 39), following the about unchanged consumption of the last decade. Consumption was 2.10 wine gallons per capita in the License States in 1981 compared with 2.11 gallons in 1980 while it declined from 1.66 to 1.63 in the Control States.

[1]See "Apparent Consumption of Distilled Spirits in the United States by Year and State" for further details on how consumption is estimated. In summary, consumption estimates are computed from monthly state tax collections at the wholesale level with the following exceptions: estimates for Alaska, Georgia, South Carolina, and South Dakota are based on shipments from distillers to wholesalers; Hawaiian estimates are based on semiannual tax data; Wisconsin estimates are based on wholesale shipments.

Actual consumption (as opposed to *apparent* consumption) takes place after tax collections and wholesale shipments are made. Moreover, stock changes at the retail level and the home have a bearing on actual consumption but such stock changes are not included in the estimates. Irregularity in compiling tax receipts on which consumption data in most states are calculated can also cause distortions. While distortions may occur in relatively short periods, over a period of time the data generally reflect actual consumption levels in the United States as a whole.

Consumption in some states is affected by special conditions such as sales across state borders resulting from lower cross-border prices, which raise apparent consumption in some states while decreasing consumption in other states. Similarly, consumption in some states is inflated by sales to tourists.

Table 36. Apparent Consumption of Distilled Spirits in the United States License and Control States, 1934–1981

Calendar Year	License States[a]			Control States			Total	All States Allowing Sale of Distilled Spirits				
	Wine Gallons (000)	Per Capita (Resident)	Percentage of Total Consumption	Wine Gallons (000)	Per Capita (Resident)	Percentage of Total Consumption	Wine Gallons (000)	Number of States[a]	Resident Population (000)	Per Capita (Resident)	Population 18 Years and Over (000)	Per Capita (Adult)
1934	45,892	0.78	79.1	12,073	0.41	20.9	57,965	28	88,707	0.65	—	—
1935	65,219	0.91	72.7	24,452	0.65	27.3	89,670	41	109,042	0.82	—	—
1940	101,736	1.22	70.2	43,256	1.03	29.8	144,992	46	125,662	1.15	—	—
1945	142,220	1.68	74.8	47,911	1.15	25.2	190,131	46	126,338	1.50	—	—
1950	138,966	1.40	73.1	51,053	1.07	26.9	190,020	47	146,823	1.29	—	—
1955	145,422	1.34	72.9	54,148	1.05	27.1	199,571	47	159,959	1.25	—	—
1960	175,573	1.44	74.8	59,141	1.09	25.2	234,715	49	176,512	1.33	—	—
1961	182,707	1.46	75.7	58,742	1.06	24.3	241,449	49	180,082	1.34	—	—
1962	192,693	1.52	76.0	61,008	1.09	24.0	253,701	49	182,879	1.39	—	—
1963	196,780	1.51	76.0	62,200	1.11	24.0	258,979	49	185,687	1.39	—	—
1964	209,721	1.59	76.0	66,141	1.16	24.0	275,862	49	188,365	1.46	—	—
1965	223,889	1.66	76.1	70,355	1.23	23.9	294,244	50	191,496	1.54	—	—
1966	233,071	1.71	75.4	75,845[b]	1.27	24.6	308,917	51	195,857	1.58	—	—
1967	243,902	1.78	75.3	80,094	1.32	24.7	323,996	51	197,863	1.64	—	—
1968	261,514	1.89	75.5	84,730	1.39	24.5	346,244	51	199,312	1.74	—	—
1969	272,534	1.95	75.3	89,240	1.46	24.7	361,774	51	201,306	1.80	—	—
1970	279,534	1.98	75.4	91,039	1.47	24.6	370,574	51	203,302	1.82	133,218	2.78
1971	288,369	2.00	75.4	94,156	1.51	24.6	382,523	51	206,172	1.86	136,629	2.80
1972	296,281	2.03	75.2	97,555	1.55	24.8	393,836	51	208,654	1.89	139,527	2.82
1973	306,727	2.08	75.4	100,332	1.58	24.6	407,059	51	210,761	1.93	142,293	2.86
1974	314,444	2.11	75.4	102,841	1.61	24.6	417,285	51	212,779	1.96	145,101	2.88
1975	318,685	2.12	75.3	104,735	1.62	24.7	423,420	51	214,943	1.97	148,102	2.86
1976	320,086	2.11	75.1	106,307	1.63	24.9	426,394	51	217,074	1.96	151,146	2.82
1977	323,813	2.11	75.0	107,740	1.64	25.0	431,553	51	219,308	1.97	154,190	2.80
1978	332,925	2.14	75.1	110,536	1.67	24.9	443,461	51	221,665	2.00	157,241	2.82
1979[c]	335,418	2.12	75.0	112,078	1.68	25.0	447,497	51	224,068	2.00	160,373	2.79
1980[c]	337,631	2.11	75.1	111,786	1.66	24.9	449,417	51	227,156	1.98	162,761	2.76
1981	339,177	2.10	75.5	110,276	1.63	24.5	449,453	51	229,307	1.96	166,1[illegible]	2.70

NOTE: Because of rounding, detail may not add to total. Excludes Hawaii, 1934–1964.

[a]Includes District of Columbia.

[b]Includes Mississippi gallonage from July through December 1966.

[c]Revised.

Source: Distilled Spirits Council of the United States, Inc.

Where available, license state consumption based on taxed gallonage reported by state tax authorities. In other states, estimated from state treasury tax collections by dividing revenues collected by tax rate per gallon. In Alaska, Georgia, Hawaii, Missouri, South Carolina, and South Dakota, consumption represents sales by distillers to wholesalers and in Wisconsin sales by wholesalers to retailers.

Control state consumption is actual retail sales in state liquor stores as reported to the National Alcohol Beverage Control Association, except in Mississippi and Wyoming where statistics represent wholesale sales by state liquor control boards to private retailers.

Note: Actual consumption takes place after tax collections and wholesale shipments are made. Also, stock changes at the retail level and in the home not included in the estimates.

Population statistics for residents and those 18 years old and over published by the U.S. Bureau of Census.

Figure 12. Apparent Consumption of Distilled Spirits in the United States, 1965-1981

(Millions of Wine Gallons)

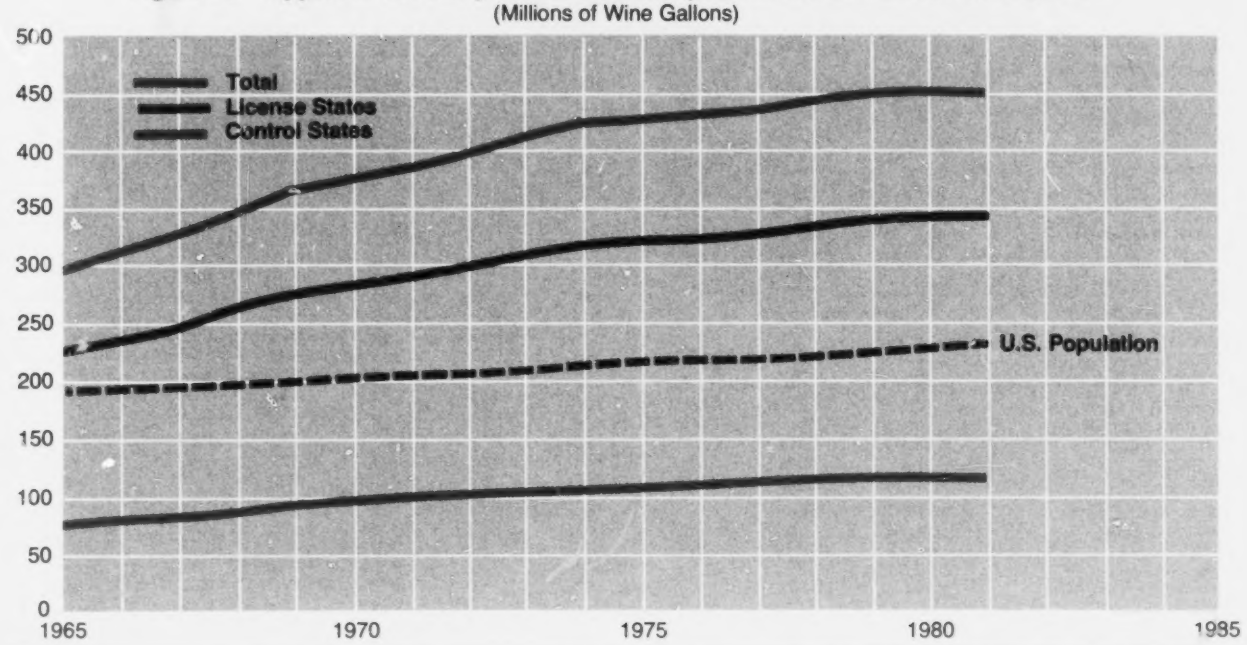


Table 37. Apparent Consumption of Distilled Spirits in the United States by Month, 1980 and 1981

(000 Wine Gallons)

Month	1981	Percentage of Annual Consumption[a]	1980	Percentage of Annual Consumption[a]	Percentage Change
January	32,841	7.4	33,123	7.4	−0.9
February	30,877	6.9	32,019	7.2	−3.6
March	35,675	8.0	34,584	7.7	3.2
April	37,032	8.3	35,428	7.9	4.5
May	34,413	7.7	34,596	7.7	−0.5
June	37,718	8.4	37,281	8.3	1.2
July	35,909	8.0	36,349	8.1	−1.2
August	33,207	7.4	34,000	7.6	−2.3
September	34,747	7.8	34,684	7.8	0.2
October	39,071	8.7	38,249	8.6	2.1
November	41,705	9.3	42,528	9.5	−1.9
December	54,089	12.1	54,399	12.2	−0.6
Total[b]	**449,453**	**100.0**	**449,417**	**100.0**	**0.0**

NOTE: Because of rounding, detail may not add to total.

[a] Percentage of total excluding Hawaii.

[b] Totals shown include Hawaii.

Source: Distilled Spirits Council of the United States, Inc.

Table 38. Apparent Consumption of Distilled Spirits by State, 1972–1981

(000 Wine Gallons)

State	1981	1980[a]	1979[a]	1978	1977	1976	1975	1974	1973	1972
License States[b]										
*Alaska	1,362	1,240	1,186	1,220	1,300	1,391	1,359	1,112	1,003	972
Arizona	5,637	5,136	5,324	5,001	4,584	4,402	4,145	4,081	3,871	3,603
Arkansas	2,982	2,976	2,378	2,998	2,537	2,535	2,366	2,355	2,176	1,999
California	56,423	57,069	56,590	56,981	53,573	52,529	52,054	50,685	49,052	47,930
Colorado	7,181	7,287	6,855	7,336	6,084	6,381	6,311	6,075	5,710	5,280
Connecticut	7,343	7,386	7,356	7,292	7,296	7,195	7,271	7,407	7,356	7,377
Delaware	1,637	1,621	1,482	1,521	1,493	1,492	1,532	1,521	1,543	1,558
District of Columbia	3,768	3,828	3,903	4,062	4,262	4,591	4,828	4,932	5,162	5,566
Florida	26,615	26,492	25,234	24,186	23,502	22,709	22,330	22,469	22,002	20,229
*Georgia	11,119	11,037	11,264	10,919	10,527	10,718	9,945	9,181	8,429	9,079
*Hawaii	2,165	2,175	2,175	2,160	2,190	2,024	1,970	1,947	1,809	1,481
Illinois	24,460	25,072	25,181	25,204	25,693	26,112	26,826	26,411	26,360	25,946
Indiana	8,093	8,019	8,147	7,825	8,009	7,110	7,006	6,755	5,815	6,090
Kansas	3,195	2,808	3,294	2,989	2,909	2,913	2,935	2,906	2,748	2,661
Kentucky	5,250	5,084	5,149	5,158	4,906	4,857	5,006	4,827	4,793	4,699
Louisiana	8,107	8,090	8,001	7,792	7,383	7,073	6,700	6,215	6,058	5,998
Maryland	10,958	11,086	11,086	10,979	10,914	10,834	10,739	10,473	10,137	9,829
Massachusetts	14,236	14,373	14,111	14,125	13,923	13,950	14,273	14,707	14,299	13,610
Minnesota	9,307	9,370	9,053	8,869	8,720	8,528	8,426	8,637	8,224	7,735
*Missouri	6,892	6,938	7,379	7,480	7,028	7,075	7,680	7,771	7,198	7,662
Nebraska	2,659	2,659	2,676	2,690	2,697	2,733	2,718	2,774	2,645	2,577
Nevada	4,462	4,565	4,389	4,611	4,593	4,360	4,096	3,686	3,489	3,124
New Jersey	16,751	16,272	15,712	15,649	15,894	15,902	16,155	16,527	16,690	17,060
New Mexico	2,142	2,208	2,046	2,114	2,026	1,980	1,954	1,846	1,737	1,725
New York	39,332	39,778	40,328	39,824	40,245	41,070	41,740	42,279	42,890	40,225
North Dakota	1,408	1,386	1,391	1,421	1,391	1,388	1,384	1,384	1,285	1,190
Oklahoma	4,941	4,122	4,679	4,577	4,550	3,905	4,188	3,751	3,797	3,504
Rhode Island	1,970	2,133	2,034	2,104	2,031	2,073	2,131	2,120	2,059	2,002
*South Carolina	6,287	6,245	6,490	6,682	6,143	6,438	6,111	6,213	5,746	5,597
*South Dakota	1,358	1,401	1,359	1,375	1,386	1,312	1,242	1,209	1,204	1,069
Tennessee	6,355	6,115	6,132	5,989	5,747	5,619	5,357	5,133	4,913	4,435
Texas	23,563	22,149	21,776	20,516	19,122	17,991	17,168	16,289	15,263	14,608
**Wisconsin	11,219	11,511	11,259	11,276	11,156	10,896	10,739	10,765	11,265	9,849
Subtotal License States	**339,177**	**337,631**	**335,418**	**332,925**	**323,813**	**320,086**	**318,685**	**314,444**	**306,727**	**296,281**
Control States[c]										
Alabama	5,463	5,475	5,969	5,994	5,747	5,565	5,395	5,060	4,869	4,707
Idaho	1,391	1,326	1,307	1,296	1,224	1,160	1,135	1,056	982	969
Iowa	3,846	3,981	3,973	4,015	4,044	4,043	3,945	3,828	3,662	3,426
Maine	2,284	2,289	2,275	2,195	2,143	2,064	1,951	1,928	1,822	1,755
Michigan	17,510	17,982	17,998	17,909	17,308	17,188	16,721	16,662	16,273	16,219
**Mississippi	3,914	3,976	3,974	3,809	3,659	3,522	3,366	3,199	2,990	2,879
Montana	1,576	1,545	1,533	1,584	1,585	1,516	1,474	1,414	1,355	1,295
New Hampshire	4,419	4,439	4,452	4,687	4,594	4,465	4,477	4,233	4,268	4,143
North Carolina	9,889	9,677	9,425	8,860	8,542	8,500	8,292	8,225	8,055	7,894
Ohio	14,041	14,835	15,113	14,937	14,791	14,722	14,812	14,976	14,746	14,379
Oregon	4,706	4,787	4,662	4,484	4,303	4,062	3,961	3,801	3,684	3,452
Pennsylvania	16,853	16,733	16,980	17,068	16,971	17,161	17,272	17,216	17,102	16,772
Utah	1,499	1,502	1,424	1,365	1,287	1,238	1,184	1,116	1,107	1,053
Vermont	1,327	1,364	1,414	1,427	1,398	1,499	1,528	1,505	1,500	1,464
Virginia	9,451	9,411	9,329	9,096	8,819	8,686	8,621	8,592	8,482	8,169
Washington	8,518	8,648	8,393	8,039	7,641	7,304	7,066	6,702	6,290	5,978
West Virginia	2,445	2,667	2,764	2,714	2,700	2,701	2,657	2,498	2,387	2,305
**Wyoming	1,147	1,150	1,093	1,056	984	914	878	830	758	697
Subtotal Control States	**110,276**	**111,786**	**112,078**	**110,536**	**107,740**	**106,307**	**104,735**	**102,841**	**100,332**	**97,555**
Total United States	**449,453**	**449,417**	**447,497**	**443,461**	**431,553**	**426,394**	**423,420**	**417,285**	**407,059**	**393,836**

NOTE: Because of rounding, detail may not add to total.

[a]Revised. Hawaii 1979–1980. New York 1980.

[b]License States: *Based on shipments from distillers to wholesalers.
**Based on shipments from wholesalers to retailers and other outlets.

[c]Control States: All control state data except Mississippi and Wyoming are retail sales by liquor stores. Mississippi and Wyoming data represent wholesale sales from state-controlled warehouses to private retail establishments.

Source: Distilled Spirits Council of the United States, Inc. (See Table 36 for details.)

Table 39. Apparent Consumption of Distilled Spirits, by State, Total and Per Capita, 1980 and 1981

Population[c] July 1, 1981 (000)	Percentage of Total Population	Percentage of U.S. Total Consumption 1981	1980	License States[a]	Rank 1981	1980	Consumption by State 000 Wine Gallons 1981	1980	Percentage Change	Consumption Per Capita Wine Gallons 1981	1980	Rank 1981	1980
412	0.18	0.30	0.28	*Alaska	48	50	1,362	1,240	9.8	3.30	3.08	4	4
2,794	1.22	1.25	1.14	Arizona	25	26	5,637	5,136	9.8	2.02	1.88	22	30
2,296	1.00	0.66	0.66	Arkansas	36	35	2,982	2,976	0.2	1.30	1.29	48	49
24,196	10.55	12.55	12.70	California	1	1	56,423	57,069	−1.1	2.33	2.40	13	13
2,965	1.29	1.60	1.62	Colorado	21	21	7,181	7,287	−1.4	2.42	2.51	10	9
3,134	1.37	1.63	1.64	Connecticut	20	20	7,343	7,386	−0.6	2.34	2.37	12	14
598	0.26	0.36	0.36	Delaware	43	43	1,637	1,621	1.0	2.74	2.72	5	5
631	0.27	0.84	0.85	Dist. of Columbia	34	34	3,768	3,828	−1.6	5.97	6.01	1	1
10,183	4.44	5.92	5.90	Florida	3	3	26,615	26,492	0.5	2.61	2.68	6	6
5,574	2.43	2.47	2.46	*Georgia	12	13	11,119	11,037	0.7	1.99	2.01	25	25
981	0.43	0.48	0.48	*Hawaii	40	41	2,165	2,175	−0.5	2.21	2.24	18	18
11,462	5.00	5.44	5.58	Illinois	4	4	24,460	25,072	−2.4	2.13	2.19	20	20
5,468	2.38	1.80	1.78	Indiana	19	19	8,093	8,019	0.9	1.48	1.46	39	38
2,383	1.04	0.71	0.63	Kansas	35	36	3,195	2,808	13.8	1.34	1.19	46	50
3,662	1.60	1.17	1.13	Kentucky	27	27	5,250	5,084	3.2	1.43	1.39	41	43
4,308	1.88	1.80	1.80	Louisiana	18	18	8,107	8,090	0.2	1.88	1.92	30	29
4,263	1.86	2.44	2.47	Maryland	13	12	10,958	11,086	−1.2	2.57	2.62	7	8
5,773	2.52	3.17	3.20	Massachusetts	9	10	14,236	14,373	−1.0	2.47	2.50	9	10
4,094	1.78	2.07	2.09	Minnesota	16	16	9,307	9,370	−0.7	2.27	2.29	15	15
4,941	2.15	1.53	1.54	*Missouri	22	22	6,892	6,938	−0.7	1.39	1.41	43	39
1,577	0.69	0.59	0.59	Nebraska	37	38	2,659	2,659	0.0	1.69	1.69	33	33
845	0.37	0.99	1.02	Nevada	30	29	4,462	4,565	−2.2	5.28	5.66	2	2
7,404	3.23	3.73	3.62	New Jersey	8	8	16,751	16,272	2.9	2.26	2.21	16	19
1,328	0.58	0.48	0.49	New Mexico	41	40	2,142	2,208	−3.0	1.61	1.69	35	33
17,602	7.68	8.75	8.85	New York	2	2	39,332	39,778	−1.1	2.23	2.26	17	16
658	0.29	0.31	0.31	North Dakota	46	47	1,408	1,386	1.6	2.14	2.12	19	21
3,100	1.35	1.10	0.92	Oklahoma	28	31	4,941	4,122	19.9	1.59	1.36	37	47
953	0.41	0.44	0.47	Rhode Island	42	42	1,970	2,133	−7.7	2.07	2.25	21	17
3,167	1.38	1.40	1.39	*South Carolina	24	23	6,287	6,245	0.7	1.99	2.00	25	26
686	0.30	0.30	0.31	*South Dakota	49	46	1,358	1,401	−3.1	1.98	2.03	28	23
4,612	2.01	1.41	1.36	Tennessee	23	24	6,355	6,115	3.9	1.38	1.33	45	48
14,766	6.44	5.24	4.93	Texas	5	5	23,563	22,149	6.4	1.60	1.55	36	37
4,742	2.07	2.50	2.56	**Wisconsin	11	11	11,219	11,511	−2.5	2.37	2.43	11	11
161,558	**70.45**	**75.46**	**75.13**	**Subtotal License States**			**339,177**	**337,631**	**0.5**	**2.10**	**2.11**		
				Control States[b]									
3,917	1.71	1.22	1.22	Alabama	26	25	5,463	5,475	−0.2	1.39	1.41	43	39
959	0.42	0.31	0.30	Idaho	47	49	1,391	1,326	4.9	1.45	1.40	40	42
2,899	1.26	0.86	0.89	Iowa	33	32	3,846	3,981	−3.4	1.33	1.37	47	44
1,133	0.49	0.51	0.51	Maine	39	39	2,284	2,289	−0.2	2.02	2.03	22	23
9,204	4.01	3.90	4.00	Michigan	6	6	17,510	17,982	−2.6	1.90	1.94	29	28
2,531	1.10	0.87	0.89	**Mississippi	32	33	3,914	3,976	−1.6	1.55	1.58	38	36
793	0.35	0.35	0.34	Montana	44	44	1,576	1,545	2.0	1.99	1.96	25	27
936	0.41	0.98	0.99	New Hampshire	31	30	4,419	4,439	−0.4	4.72	4.81	3	3
5,953	2.60	2.20	2.15	North Carolina	14	14	9,889	9,677	2.2	1.66	1.64	34	35
10,781	4.70	3.13	3.30	Ohio	10	9	14,041	14,835	−5.4	1.30	1.37	48	44
2,651	1.16	1.05	1.07	Oregon	29	28	4,706	4,787	−1.7	1.78	1.81	31	31
11,871	5.18	3.75	3.72	Pennsylvania	7	7	16,853	16,733	0.7	1.42	1.41	42	39
1,518	0.66	0.33	0.33	Utah	45	45	1,499	1,502	−0.2	0.99	1.02	51	51
516	0.23	0.30	0.30	Vermont	50	48	1,327	1,364	−2.7	2.57	2.66	7	7
5,430	2.37	2.11	2.09	Virginia	15	15	9,451	9,411	0.4	1.74	1.76	32	32
4,217	1.84	1.90	1.92	Washington	17	17	8,518	8,648	−1.5	2.02	2.08	22	22
1,952	0.85	0.54	0.59	West Virginia	38	37	2,445	2,667	−8.4	1.25	1.37	50	44
492	0.21	0.26	0.26	**Wyoming	51	51	1,147	1,150	−0.3	2.33	2.42	13	10
67,753	**29.55**	**24.54**	**24.87**	**Subtotal Control States**			**110,276**	**111,786**	**−1.4**	**1.63**	**1.66**		
229,307	**100.00**	**100.00**	**100.00**	**Total United States**			**449,453**	**449,417**	**0.0**	**1.96**	**1.96**		

NOTE: Because of rounding, detail may not add to total. Percentages were calculated before rounding.

[a]License States: *Based on shipments from distillers to wholesalers.
**Based on shipments from wholesalers to retailers and other outlets.

[b]Control States: All control state data except Mississippi and Wyoming are retail sales by state liquor stores. Mississippi and Wyoming data represent wholesale sales from state-controlled warehouses to private retail establishments.

[c]Resident population.

Sources: Distilled Spirits Council of the United States Inc; Bureau of the Census, U.S. Department of Commerce. (See Table 36 for details.)

PUBLIC REVENUES AND PRICES

Total Public Revenues — Revenues from distilled spirits collected by Federal, state, and local governments in 1981 totaled $6.8 billion, an increase of 0.8 percent from 1980. Over 57 percent of total revenues were derived from the $10.50 per proof gallon Federal excise tax (Tables 40 and 41) and most of the remainder were from state and local taxes.

In the years from Repeal to 1981, public revenues paid or collected through the distilled spirits industry amounted to $160 billion.

In addition to these revenues, employees and firms in the distilled spirits industry pay Federal and state income taxes on wages, salaries, and profits, which add to government revenues from this industry.

Figure 15 shows the cost distribution for a 750-ml bottle of spirits in 1981 with an estimated 45.5 percent of the price represented by taxes.

Federal Revenues — Taxes and import duties on distilled spirits collected by the Federal Government in 1981 were $3.9 billion, an increase of 1.2 percent over 1980 (Table 41). Tax collections, mostly from excise taxes, increased $46 million or 1.2 percent and import duty collections increased $1.2 million or 1.9 percent. Import duty rates on distilled spirits, 1958-1982 are shown in Table 42.

State and Local Revenues — Net revenues from taxes levied on distilled spirits by state and local governments increased 0.2 percent over 1980 to $2.9 billion in 1981 (Table 40).

Rates per gallon of Federal and state taxes in 1981 and earlier years are listed in Table 43.

Prices — The DISCUS Supplier Price Index for distilled spirits (prices of distilleries and importers) increased to 127.0 in 1981 from 122.4 in 1980 (1967=100) (Table 44).

The Bureau of Labor Statistics Consumer Price Index for whiskey increased from 135.4 in 1980 to 143.0 in 1981 (1967=100).

In comparison, the Consumer Price index for all foods was more than double the base year of 1967 at 274.6 in 1981 and 254.6 in 1980.

Table 40. Public Revenues from Distilled Spirits of Federal, State and Local Governments in the United States, 1961–1981

($000)

Calendar Year	Federal	State	Local	Total
1961	2,422,058	801,437[a]	88,060[a]	3,311,555
1962	2,523,926	855,720	94,515	3,474,161
1963	2,578,672	859,957[a]	85,674[a]	3,524,303
1964	2,742,278	955,916	95,192	3,793,386
1965	2,858,995	1,058,833	96,280	4,014,108
1966	2,915,777	1,143,893[a]	103,537[a]	4,163,207
1967	3,211,236	1,249,804	113,653	4,574,693
1968	3,286,593	1,398,454	124,677	4,809,724
1969	3,619,018	1,514,246	139,353	5,272,617
1970	3,567,636	1,618,163	145,491	5,331,290
1971	3,657,609	1,709,463	138,928	5,506,000
1972	3,705,094	1,869,080	141,983	5,716,157
1973	3,951,390	1,925,677	152,935	6,030,002
1974	4,029,020	2,089,159	162,568	6,280,747
1975	3,943,550	2,167,021	188,484	6,299,055
1976	3,792,937	2,258,867	199,695	6,251,499
1977	3,892,080	2,347,230	203,669	6,442,979
1978	4,220,597	2,515,069	211,396	6,947,062
1979	4,061,617	2,575,060	216,652	6,853,329
1980	3,885,875	2,639,781	230,155	6,755,811
1981	3,933,087[b]	2,644,000[a]	231,000[a]	6,808,087

[a] Estimated.
[b] Preliminary.

Sources: Distilled Spirits Council of the United States, Inc.; Internal Revenue Service, U.S. Treasury Department; state and local authorities.

Figure 13. Public Revenues From Distilled Spirits in the United States Since Repeal
(Billions of Dollars)

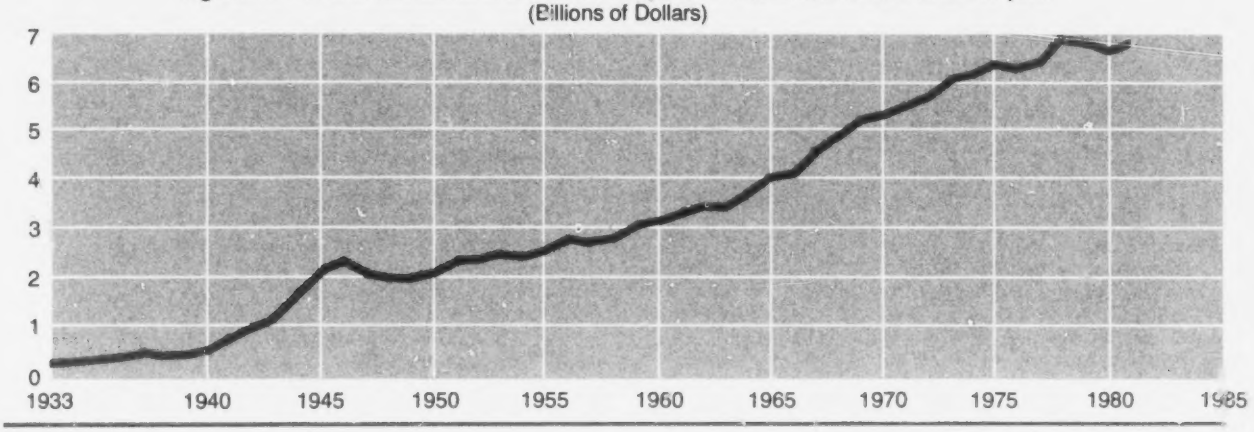


Table 41. United States Alcohol Beverage Tax Collections From Distilled Spirits by Tax Class, 1980 and 1981

($000)

Tax Class	Calendar Year 1981[a]	Calendar Year 1980	Dollar Change	Percentage Change
Federal Excise Taxes From:				
Domestic Spirits	3,059,277	3,010,096	49,181	1.6
Puerto Rican Spirits[b]	229,074	203,242	25,832	12.7
Total	3,288,351	3,213,338	75,013	2.3
Imported	562,413	588,869	−26,456	−4.5
Total Excise Taxes	3,850,764	3,802,207	48,557	1.3
Rectification Taxes From:				
Domestic Spirits	6	3,092	−3,086	−99.8
Puerto Rican Spirits[b]	—	24	−24	—
Total Rectification Taxes	6	3,116	−3,110	−99.8
Occupational Taxes	18,780	18,049	731	4.1
Seizures, Penalties, etc.	26	207	−181	−87.4
Total Tax Receipts	3,869,576	3,823,578	45,998	1.2
Import Duties	63,511	62,297	1,214	1.9
Grand Total Federal Collections	**3,933,087**	**3,885,875**	**47,212**	**1.2**

NOTE: Because of rounding, detail may not add to total.
[a]Preliminary.
[b]Produced and/or bottled in Puerto Rico.
Sources: Internal Revenue Service, U.S. Treasury Department, Bureau of the Census, U.S. Department of Commerce

Figure 14. Federal, State, and Local Revenue per Gallon of Distilled Spirits Since Repeal

(Dollars per Gallon)

BEST AVAILABLE COPY

Table 42. Import Duties on Distilled Spirits, 1958-1982[a]

(Dollars per Tax Gallon)

Class and Type	1958-1961	1962	1963	1964-1967	1968	1969	1970	1971	1972-1973	1974-1975	1976	1977-1979	1980	1981	1982
WHISKEY															
(Scotch and Irish)	1.25	1.14	1.02	1.02	0.91	0.81	0.71	0.61	0.51	0.51	0.51	0.51	0.47	0.43	0.39
OTHER WHISKEY															
(Canadian, etc.)	1.25	1.25	1.25	1.25	1.12	1.00	0.87	0.75	0.62	0.62	0.62	0.62	0.57	0.53	0.48
RUM	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.70	1.66	1.62
GIN	1.25	1.12	1.00	1.00	0.90	0.80	0.70	0.60	0.50	0.50	0.50	0.50	0.50	0.50	0.50
BRANDY															
Pisco and Singani															
Bottled															
Value Not Over $9/Ga.	—	—	—	—	—	—	—	—	—	—	—	—	0.57	0.52	0.48
Over $9/Gal.	—	—	—	—	—	—	—	—	—	—	—	—	1.16	1.06	0.97
Bulk															
Value Not Over $9/Ga.	—	—	—	—	—	—	—	—	—	—	—	—	0.46	0.42	0.38
Over $9/Gal.	—	—	—	—	—	—	—	—	—	—	—	—	0.92	0.85	0.77
Other Brandy															
Bottled															
Value Not Over $9/Ga.	1.25	1.25	1.25	1.25	1.12	1.00	0.87	0.75	0.62	0.62	0.62	0.62	3.40	3.40	3.40
$9 to $17/Gal.	—	—	—	5.00	5.00	5.00	5.00	5.00	5.00	1.25	1.25	—	—	—	—
$9 to $13/Gal.	—	—	—	—	—	—	—	—	—	—	1.25	1.25	1.25	1.25	1.25
Over $13 to $17/Gal.	—	—	—	—	—	—	—	—	—	—	3.00	3.00	—	—	—
Over $13/Gal.	—	—	—	—	—	—	—	—	—	—	—	—	1.16	1.06	0.97
Over $17/Gal.	—	—	—	—	—	—	—	—	—	—	5.00	5.00	—	—	—
Bulk															
Value Not Over $9/Gal.	—	1.12	1.00	1.00	0.90	0.80	0.70	0.60	0.50	0.50	0.50	0.50	0.50	0.50	0.50
Over $9/Gal.	—	—	—	—	—	—	—	—	—	—	—	—	0.92	0.85	0.77
$9 to $17/Gal.	—	—	—	5.00	5.00	5.00	5.00	5.00	5.00	1.00	3.00	3.00	—	—	—
Over $17/Gal.	—	—	—	—	—	—	—	—	—	5.00	5.00	5.00	—	—	—
VODKA															
Bottled															
Value Not Over $7.75/Gal.	—	—	—	—	—	—	—	—	—	—	—	—	2.56	2.56	2.56
Over $7.75/Gal.	—	—	—	—	—	—	—	—	—	—	—	—	1.16	1.06	0.97
Bulk	—	—	—	—	—	—	—	—	—	—	—	—	1.25	1.25	1.25
TEQUILA															
Bottled	—	—	—	—	—	—	—	—	—	—	—	—	2.27	2.27	2.27
Bulk	—	—	—	—	—	—	—	—	—	—	—	—	1.25	1.25	1.25
CORDIALS	1.25	1.12	1.00	1.00	0.90	0.80	0.70	0.60	0.50	0.50	0.50	0.50	0.50	0.50	0.50
BITTERS															
Fit for Beverage Purposes	1.25	1.12	1.00	1.00	0.90	0.80	0.70	0.60	0.50	0.50	0.50	0.50	0.50	0.50	0.50
Other	2.50	2.29	2.08	1.88	1.69	1.50	1.31	1.12	0.94	0.94	0.94	0.94	—	—	—
Bottled	—	—	—	—	—	—	—	—	—	—	—	—	1.04	0.58	0.40
Bulk	—	—	—	—	—	—	—	—	—	—	—	—	0.94	0.58	0.40
ETHYL ALCOHOL															
for beverages	2.25	2.25	2.25	2.25	2.02	1.80	1.57	1.35	1.12	1.12	1.12	1.12	1.12	1.12	1.12
BEVERAGE SPIRITS															
Arrack	2.50	2.25	2.00	2.00	1.80	1.60	1.40	1.20	1.00	1.00	1.00	1.00	—	—	—
Bottled	—	—	—	—	—	—	—	—	—	—	—	—	2.28	2.28	2.28
Bulk	—	—	—	—	—	—	—	—	—	—	—	—	1.00	1.00	1.00
Aquavit	1.06	0.95	0.85	0.85	0.76	0.68	0.59	0.51	0.42	0.42	0.42	0.42	0.42	0.42	0.42
OTHER Spirits and Preparations															
Spirits	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	—	—	—
Bottled	—	—	—	—	—	—	—	—	—	—	—	—	2.56	2.56	2.56
Bulk	—	—	—	—	—	—	—	—	—	—	—	—	1.25	1.25	1.25
Other	2.50	2.50	2.50	2.50	2.25	2.00	1.75	1.50	1.25	1.25	1.25	1.25	1.25	1.25	1.25

NOTE: For entries before 1980, a tax gallon is defined as a wine gallon or standard gallon (without regard to proof) if shipped in containers of 1.0 gallon or less, and as a proof gallon if shipped in containers of over one gallon. A proof gallon is the alcohol equivalent of one standard gallon at 100°. Before 1980, spirits under 100° proof withdrawn from bond in containers not over one gallon were taxed on a wine gallon instead of proof gallon basis.

[a]Zero duty rates apply to certain countries under the Generalized System of Preferences. For example, Tequila in containers over one gallon and certain other spirits imported from these countries enter duty free. Also, imports from Least Developed Developing Countries have lower duties for certain spirits. Details for these special tariff rates can be obtained from the International Trade Commission.

Source: U.S. International Trade Commission.

Table 43. Federal and License State[a] Excise Taxes on Distilled Spirits, 1933-1981/82[b]

(Effective Dates and Dollars per Wine Gallon)

State	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951[b]	1953	1954	1955	1956	1957
Alaska	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Arizona	*12-5* $0.80	$0.80	$0.80	$0.80	$0.80	$0.80	$0.80	$0.80	$0.80	$0.80	$0.80	$0.80	$0.80	*10-1* $1.20	$1.20	$1.20	$1.20	$1.20	$1.20	$1.20	$1.20	$1.20	$1.20	$1.20
Arkansas	—	—	*3-16* 0.40	0.40	*3-11* 0.65	*4-1* 0.80	*3-18* 1.12	1.12	1.12	1.12	1.12	1.12	*6-1* 1.50	1.50	*2-26* 2.52	2.52	*7-1* 2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50
California	*12-5* 0.00	0.00	*7-1* 0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	*7-1* 1.50	1.50	1.50
Colorado	*12-5* 0.80	0.80	*4-12* 1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
Connecticut	*12-5* 0.00	0.00	0.00	0.00	*7-1* 0.60	0.60	*7-1* 1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Delaware	*12-5* 1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	*7-1* 1.15	1.15	1.15	1.15	1.15
Dist. of Col.	—	*1-24* 0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	*8-1* 0.75	0.75	0.75	0.75	*5-19* 1.00	1.00	*5-1* 1.25	1.25
Florida	—	*11-6* 0.00	*5-27* 0.80	0.80	*6-5* 1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	*7-1* 1.92	1.92	1.92	1.92	*6-13* 2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17
Georgia[c]	—	—	—	—	—	*2-3* 1.00	1.00	1.00	1.00	1.00	1.00	1.00	*11-24* 4.00	4.00	4.00	4.00	*7-30* 5.00	5.00	*4-2* 2.00	2.00	2.00	*6-6* 3.25	3.25	3.25
Illinois	—	*1-31* 0.50	0.50	0.50	0.50	0.50	0.50	0.50	*7-1* 1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	*7-1* 1.02
Indiana	*12-5* 2.00	2.00	*3-11* 1.00	1.00	1.00	1.00	1.00	1.00	*5-1* 1.08	1.08	1.08	1.08	*5-1* 2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08
Kansas	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	*3-9* 1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Kentucky	—	*3-17* 0.50	0.50	*4-30* 1.04	1.04	1.04	1.04	*3-3* 1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	*6-17* 1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28
Louisiana	—	*8-1* 0.50	*10-1* 0.60	0.60	0.60	*6-30* 1.00	1.00	*9-1* 1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	*7-28* 1.58	1.58	1.58	1.58	1.58	1.58	1.58	*8-1* 1.68	1.68
Maryland	*12-5* 1.10	1.10	1.10	1.10	1.10	1.10	*10-1* 1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	*7-1* 1.50	1.50	1.50
Massachusetts	*12-5* 0.40	0.40	0.40	0.40	0.40	0.40	*9-1* 0.95	0.95	0.95	0.95	0.95	0.95	*8-1* 1.45	1.45	*7-1* 2.00	2.00	*7-1* 2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25
Minnesota	—	*1-8* 0.60	0.60	0.60	*7-30* 1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	*7-1* 2.50	2.50	*7-1* 2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75
Missouri	—	*1-13* 0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
Nebraska	—	—	*5-24* 0.50	0.50	*4-2* 0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	*5-31* 1.00	1.00	1.00	1.00	*8-26* 1.20	1.20	1.20	1.20	1.20	1.20
Nevada	—	—	*5-1* 0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	*7-1* 0.60	0.60	*7-1* 0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
New Jersey	*12-5* 1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	*3-21* 1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
New Mexico	*12-5* 0.00	*6-1* 0.80	0.80	0.80	*3-17* 1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	*6-8* 1.30	1.30	1.30	1.30	1.30	1.30
New York	*12-5* 1.00	1.00	1.00	1.00	1.00	1.00	*5-10* 1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
North Dakota	—	—	—	*12-3* 0.60	0.60	0.60	0.60	0.60	0.60	0.60	*3-9* 1.70	1.70	1.70	1.70	1.70	1.70	*4-1* 2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50
Oklahoma	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rhode Island	*12-5* 0.50	0.50	0.50	0.50	*7-1* 0.75	0.75	*3-15* 1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	*5-1* 1.50	1.50	1.50	1.50	1.50	1.50
South Carolina	—	—	*5-14* 0.80	0.80	*5-18* 0.96	0.96	*7-1* 1.28	1.28	*7-1* 1.92	1.92	1.92	1.92	*7-1* 2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72
South Dakota	—	—	*3-14* 0.50	0.50	*7-1* 0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
Tennessee	—	—	—	—	—	—	*4-1* 0.70	0.70	0.70	0.70	*1-23* 1.00	1.00	1.00	1.00	*2-28* 2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Texas	—	—	*11-15* 0.80	*10-31* 0.96	0.96	0.96	0.96	0.96	*5-1* 1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	*3-1* 1.408	1.408	1.408	1.408	1.408	1.408	1.408
Wisconsin	*12-5* 0.00	*1-12* 1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	*7-25* 2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
No. of States	13	20	26	27	27	28	29	29	29	29	29	29	29	29	29	29	30	30	30	30	30	30	30	30
No. of Rate Changes	—	2	5	2	9	2	7	2	4	0	2	0	7	1	8	2	8	1	4	1	1	3	2	1
State Average (per wine gal.)	$0.66	$0.67	$0.70	$0.74	$0.85	$0.88	$0.96	$0.98	$1.03	$1.03	$1.08	$1.08	$1.31	$1.32	$1.52	$1.53	$1.61	$1.61	$1.54	$1.54	$1.54	$1.63	$1.64	$1.64
Federal Tax (per proof gal.)	*12-5* $1.10	*1-12* $2.00	$2.00	$2.00	$2.00	*7-1* $2.25	$2.25	*7-1* $3.00	*10-1* $4.00	*11-1* $6.00	$6.00	*4-1* $9.00	$9.00	$9.00	$9.00	$9.00	$9.00	$9.00	*11-1* $10.50	$10.50	$10.50	$10.50	$10.50	$10.50

[a]Excludes Hawaii, which has had a 20% ad valorem excise tax since 1959.
[b]No excise tax rate changes for 1952, 1960, 1965, and 1980.
[c]"State warehouse charge" per gallon: $3 from 11/24/45; $4 from 7/30/49; $1 from 4/2/51; $2.25 from 6/6/55; abolished 3/1/64.
[d]Tax rate changes in Colorado, Georgia, and New Mexico due to conversion to metric rates.
[e]As of April 1982, tax rates same as in 1981.
Sources: Legislative reports of the states.

1958	1959[b]	1961	1962	1963	1964[b]	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979[b]	1981/82[e]	State
—	$3.50	7-1 $4.00	$4.00	$4.00	$4.00	$4.00	$4.00	$4.00	$4.00	$4.00	$4.00	$4.00	$4.00	$4.00	$4.00	$4.00	$4.00	$4.00	$4.00	$4.00	Alaska
$1.20	1.20	1.20	3-28 1.44	1.44	1.44	1.44	1.44	3-22 2.00	2.00	2.00	2.00	2.00	2.00	7-1 2.50	2.50	2.50	2.50	2.50	2.50	2.50	Arizona
2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	Arkansas
1.50	1.50	1.50	1.50	1.50	1.50	1.50	8-16 2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	California
1.60	7-1 1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	7-1 2.16	2.16	2.16	2.16	7-1 2.28	Colorado
1.00	1.00	7-1 2.00	2.00	2.00	2.00	2.00	2.00	2.00	7-1 2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	Connecticut
1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	7-1 1.65	1.65	8-15 2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	Delaware
1.25	1.25	1.25	4-1 1.50	1.50	1.50	11-1 1.75	1.75	1.75	12-1 2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	4-18 1.50	1.50	1.50	Dist. of Col.
2.17	2.17	2.17	2.17	8-1 2.50	2.50	2.50	7-6 2.52	6-1 3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	7-1 4.75	4.75	4.75	4.75	Florida
3.25	3.25	3.25	3.25	3.25	3-1 3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	7-1 3.79	Georgia[c]
1.02	8-1 1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.52	8-1 2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	Illinois
2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	10-1 2.28	2.28	2.28	2.28	7-1 2.62	2.62	2.62	9-1 2.68	Indiana
1.00	1.00	6-1 1.20	1.20	1.20	4-1 1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	7-1 2.50	2.50	2.50	2.50	Kansas
1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	7-1 1.92	1.92	1.92	1.92	1.92	1.92	1.92	1.92	1.92	1.92	1.92	Kentucky
1.68	1.68	1.68	1.68	1.68	1.68	1.68	1.68	1.68	1.68	9-1 2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	Louisiana
1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	Maryland
2.25	2.25	2.25	2.25	2.25	2.25	3-3 2.95	2.95	2.95	8-1 3.36	3.36	3.36	3.36	3.36	3.36	7-1 4.05	4.05	4.05	4.05	4.05	4.05	Massachusetts
2.75	7-1 2.875	2.875	2.875	2.875	2.875	2.875	2.875	2.875	7-1 3.63	3.63	10-31 4.53	4.53	8-1 4.39	4.39	4.39	4.39	4.39	4.39	4.39	4.39	Minnesota
0.80	0.80	5-1 1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1-1 2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	Missouri
1.20	1.20	1.20	1.20	6-3 1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	7-6 2.00	2.00	2.00	2.00	2.00	6-1 2.25	2.25	9-1 2.50	8-30 2.75	Nebraska
0.80	0.80	5-1 1.40	1.40	1.40	1.40	1.40	1.40	1.40	7-1 1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	7-1 2.05	Nevada
1.50	1.50	1.50	1.50	6-1 1.80	1.80	1.80	1.80	1.80	6-1 2.30	2.30	2.30	7-1 2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	New Jersey
1.30	1.30	1.30	1.30	6-7 1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	7-1 1.63	New Mexico
1.50	1.50	1.50	1.50	4-1 2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2-1 3.25	3.25	3.25	3.25	3.25	3.25	3.25	3.25	3.25	New York
2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	North Dakota
—	6-23 2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	8-1 4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	Oklahoma
6-1 2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	6-1 2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	Rhode Island
2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	South Carolina
0.75	0.75	0.75	0.75	7-1 1.25	1.25	1.25	1.25	1.25	1.25	1.25	7-1 3.00	7-1 3.05	3.05	3.05	3.05	3.05	3.05	3.05	3.05	7-1 3.80	South Dakota
2.00	2.00	2.00	2.00	6-1 2.50	2.50	2.50	5-26 4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	Tennessee
1.408	9-1 1.68	1.68	1.68	1.68	1.68	1.68	1.68	1.68	1.68	1.68	7-1 2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	Texas
2.00	2.00	2.00	2.00	8-15 2.25	2.25	2.25	2.25	2.25	2.25	2.25	11-1 2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	8-1 3.25	Wisconsin
30	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	No. of States
1	4	5	2	8	2	2	3	2	9	2	7	4	2	1	1	1	4	1	1	8[d]	No. of Rate Changes
$1.65	$1.77	$1.85	$1.87	$1.97	$1.99	$2.03	$2.09	$2.14	$2.28	$2.33	$2.53	$2.59	$2.59	$2.60	$2.63	$2.64	$2.72	$2.70	$2.71	$2.78	State Average (per wine gal.)
$10.50	$10.50	$10.50	$10.50	$10.50	$10.50	$10.50	$10.50	$10.50	$10.50	$10.50	$10.50	$10.50	$10.50	$10.50	$10.50	$10.50	$10.50	$10.50	$10.50	$10.50	Federal Tax (per proof gal.)

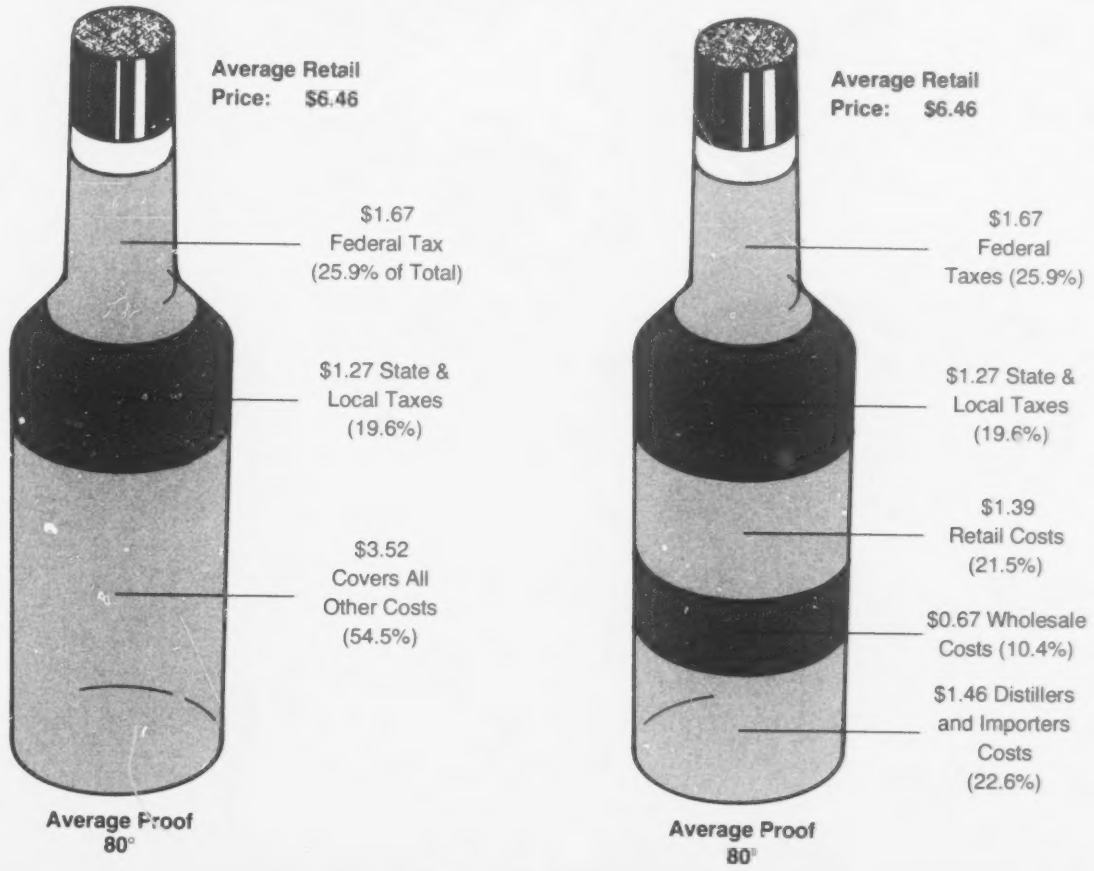
Table 44. Value Added per Employee Man-Hour, Distilled Spirits and All Manufacturing, Supplier Price and Consumer Price Indices, 1967–1981

Calendar Year	Value Added per Employee Hour		Supplier Price Indices (1967 = 100)							Consumer Price Indices (1967 = 100)	
	Distilled Spirits $	All Manufacturing $	All Distilled Spirits	Domestic Distilled Spirits	Imported Distilled Spirits	All Whiskey	Domestic Whiskey	Imported Whiskey	All Non-Whiskey	Whiskey	All Food
1967	23.09	9.41	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	26.13	10.12	100.1	100.1	100.1	100.1	100.1	100.1	100.1	101.4	103.6
1969	27.88	10.70	100.4	100.6	100.3	100.3	100.5	100.2	100.6	102.5	108.9
1970	28.25	11.26	101.0	101.3	100.4	100.8	101.4	100.2	101.3	105.0	114.9
1971	32.30	12.43	102.0	102.5	101.1	101.6	102.2	100.9	102.7	106.4	118.4
1972	35.80	13.26	102.8	103.0	102.6	102.3	102.5	102.1	103.9	108.6	123.5
1973	36.50	14.40	103.5	103.5	103.4	102.7	102.9	102.4	105.0	109.2	141.4
1974	39.56	16.60	105.2	104.3	106.6	104.4	103.4	105.4	106.5	110.9	161.7
1975	43.10	18.38	108.4	107.4	110.1	107.8	106.6	108.9	109.5	114.1	175.4
1976	45.87	20.17	109.4	108.7	110.7	108.4	107.8	109.0	111.3	116.0	180.8
1977	48.31	21.93	110.7	109.7	112.2	109.3	108.2	110.4	113.2	117.5	192.2
1978	55.19	23.75	114.3	113.1	116.2	112.8	111.4	114.2	116.8	122.3	211.4
1979	67.16	26.39	118.2	116.3	121.4	117.3	115.2	119.3	119.9	127.3	234.5
1980	84.05	27.20	122.4r	119.4r	127.5r	122.8	119.6	125.9	121.9r	135.4	254.6
1981	NA	NA	127.0	123.0	133.5	128.3	124.1	132.3	124.7	143.0	274.6

NA: Not available.
rRevised.

Sources: Value Added: Bureau of the Census, U.S. Department of Commerce; Supplier Price Index: Distilled Spirits Council of the United States, Inc.; Consumer Price Index: Bureau of Labor Statistics, U.S. Department of Labor.

Figure 15. Cost Components of an Average 750 ml Bottle of Spirits Sold at Retail, 1981


Average Retail Price: $6.46
$1.67 Federal Tax (25.9% of Total)
$1.27 State & Local Taxes (19.6%)
$3.52 Covers All Other Costs (54.5%)
Average Proof 80°
Average Retail Price: $6.46
$1.67 Federal Taxes (25.9%)
$1.27 State & Local Taxes (19.6%)
$1.39 Retail Costs (21.5%)
$0.67 Wholesale Costs (10.4%)
$1.46 Distillers and Importers Costs (22.6%)
Average Proof 80°

STATE AND LOCAL CONTROLS

Sales of distilled spirits in 1981 were legal in 2,635 of the 3,072 counties or political divisions of the U.S. (Table 46). The 1980 population of these counties represented 97.7 percent of total U.S. population (Table 45). Four hundred thirty-seven counties continued to ban sales of spirits.

Retail Outlets — Licenses issued to sell distilled spirits about kept pace with population increase, i.e., licenses per thousand population in 1981 were about the same as in 1980. A total of 282,253 licenses were in effect in all states, 161,779 for on-premise outlets, 58,354 for off-premise outlets. The number of licenses issued or outlets in each state are shown in Table 47.

Legal Age — The legal minimum age for purchasing distilled spirits varies from state to state and ranges from 18 to 21 as shown in Table 48. Two states raised the legal age in 1981, with the minimum age going from 18 to 19 in Texas and from 19 to 20 in Rhode Island. There were no reductions in the legal age. The number of people of legal age to purchase spirits increased to 157.5 million in 1981 from the 123.7 million in 1970 or by 23.7 percent. According to state laws, 95 percent of the 166.1 million persons over age 18[1] were permitted to buy alcohol beverages in 1981.

Local Option — Local option changes in 1981 from dry to wet occurred in nine counties in five states. County population of the new wet areas is estimated at 214,000. No shift from wet to dry option occurred in any county in 1981 (Table 49).

[1]Including population in dry counties age 18 and over.

Table 45. Wet[a] and Dry[b] Population for Consumption of Distilled Spirits by State, 1981

(000)

State	Total Population	Wet Population	Percentage Wet	Dry Population	Percentage Dry
United States Total	**226,505**	**221,219**	**97.7**	**5,286**	**2.3**
Alabama	3,890	2,919	75.0	971	24.9
Alaska	400	400	100.0	—	—
Arizona	2,718	2,718	100.0	—	—
Arkansas	2,286	2,099	91.8	187	8.2
California	23,669	23,669	100.0	—	—
Colorado	2,889	2,889	100.0	—	—
Connecticut	3,108	3,108	100.0	—	—
Delaware	595	595	100.0	—	—
District of Columbia	638	638	100.0	—	—
Florida	9,740	9,605	98.6	135	1.4
Georgia	5,464	4,487	82.1	977	17.9
Hawaii	965	965	100.0	—	—
Idaho	944	944	100.0	—	—
Illinois	11,418	11,418	100.0	—	—
Indiana	5,490	5,490	100.0	—	—
Iowa	2,913	2,913	100.0	—	—
Kansas	2,363	2,357	99.7	6	0.3
Kentucky	3,661	2,113	57.7	1,548	42.3
Louisiana	4,204	4,142	98.5	62	1.5
Maine	1,125	1,125	100.0	—	—
Maryland	4,216	4,216	100.0	—	—
Massachusetts	5,737	5,737	100.0	—	—
Michigan	9,258	9,258	100.0	—	—
Minnesota	4,077	4,077	100.0	—	—
Mississippi	2,521	1,825	72.4	696	27.6
Missouri	4,917	4,917	100.0	—	—
Montana	787	787	100.0	—	—
Nebraska	1,570	1,569	99.9	1	0.1
Nevada	799	799	100.0	—	—
New Hampshire	921	921	100.0	—	—
New Jersey	7,364	7,364	100.0	—	—
New Mexico	1,300	1,300	100.0	—	—
New York	17,557	17,557	100.0	—	—
North Carolina	5,874	5,745	97.8	129	2.2
North Dakota	653	653	100.0	—	—
Ohio	10,797	10,797	100.0	—	—
Oklahoma	3,025	3,025	100.0	—	—
Oregon	2,633	2,633	100.0	—	—
Pennsylvania	11,867	11,867	100.0	—	—
Rhode Island	947	947	100.0	—	—
South Carolina	3,119	3,119	100.0	—	—
South Dakota	690	677	98.1	13	1.9
Tennessee	4,591	4,274	93.1	317	6.9
Texas	14,228	14,130	99.3	98	0.7
Utah	1,461	1,461	100.0	—	—
Vermont	511	511	100.0	—	—
Virginia	5,346	5,211	97.5	135	2.5
Washington	4,130	4,130	100.0	—	—
West Virginia	1,950	1,942	99.6	8	0.4
Wisconsin	4,705	4,705	100.0	—	—
Wyoming	471	471	100.0	—	—

NOTE: Because of rounding, detail may not add to total. Percentages were calculated before rounding. Compiled from county population estimates for July 1, 1980, based on wet and dry status as of Dec. 31, 1981.

[a]In fully or partially wet counties.

[b]In fully dry counties.

Sources: Bureau of the Census, U.S. Department of Commerce; Distilled Spirits Council of the United States, Inc.

Table 46. Legal Age to Purchase Distilled Spirits and Number of Counties or Other Political Subdivisions Permitting and Prohibiting Sale, by State, 1981

State	Legal Age	Number of Counties/Political Subdivisions					
		Permitting Sale				Prohibiting Sale	Total
		By Package or Drink	By Package Only	Without Outlets	Total		
Alabama	19	38	1	1	40	27	67
Alaska[a]	19	4	—	—	4	—	4
Arizona	19	14	—	—	14	—	14
Arkansas	21	29	2	—	31	44[j]	75
California	21	58	—	—	58	—	58
Colorado	21	63	—	—	63	—	63
Connecticut	18	8	—	—	8	—	8
Delaware	20	3	—	—	3	—	3
Florida	19	56	4	—	60	7	67
Georgia[b]	19	40	54	6	100	59	159
Hawaii	18	4	—	—	4	—	4
Idaho	19	43	1	—	44	—	44
Illinois	21	102	—	—	102	—	102
Indiana	21	92	—	—	92	—	92
Iowa	19	99	—	—	99	—	99
Kansas	21	95	3	—	98	7[l]	105
Kentucky	21	20	17	1	38	82	120
Louisiana[c]	18	58	3	—	61	3	64
Maine	20	16	—	—	16	—	16
Maryland[d]	21	23	—	—	23	—	23
Massachusetts	20	14	—	—	14	—	14
Michigan	21	83	—	—	83	—	83
Minnesota	19	87	—	—	87	—	87
Mississippi	21	40	6	1	47	35	82
Missouri[e]	21	94	20	—	114	—	114
Montana	19	56	—	—	56	—	56
Nebraska	20	91	1	—	92	1	93
Nevada	21	16	—	—	16	—	16
New Hampshire	20	10	—	—	10	—	10
New Jersey	19	21	—	—	21	—	21
New Mexico[f]	21	32	—	—	32	—	32
New York[g]	18	62	—	—	62	—	62
North Carolina	21	21	70	2	93	7	100
North Dakota	21	53	—	—	53	—	53
Ohio	21	87	1	—	88	—	88
Oklahoma	21	—	77	—	77	—	77
Oregon	21	36	—	—	36	—	36
Pennsylvania	21	67	—	—	67	—	67
Rhode Island	20	5	—	—	5	—	5
South Carolina	21	46	—	—	46	—	46
South Dakota	21	65	—	—	65	2	67
Tennessee	19	33	3	—	36	59[k]	95
Texas	19	150	14	—	164	90[l]	254
Utah	21	25	4	—	29	—	29
Vermont	18	14	—	—	14	—	14
Virginia[h]	21	50	33	1	84	11	95
Washington	21	39	—	—	39	—	39
West Virginia	18	51	1	—	52	3[m]	55
Wisconsin	18	72	—	—	72	—	72
Wyoming	19	23	—	—	23	—	23
Total		**2,308**	**315**	**12**	**2,635**	**437**	**3,072**

[a] Political Subdivisions only—no counties.
[b] Georgia data are for 1979.
[c] Parishes.
[d] Does not include Baltimore, which permits sales at legal age.
[e] Does not include St. Louis, which permits sales at legal age.
[f] New Mexico data are for 1980.
[g] New York data are for 1979.
[h] Does not include 36 cities; 7 permit "package sales" only at legal age and 29 by package or drink at legal age.
[j] 31 of these counties are legally dry but permit sale by private clubs.
[l] 5 of these counties are legally dry but permit sale by private clubs.
[k] 32 of these counties are legally dry but permit sale by private clubs.
[l] 68 of these counties are legally dry but permit sale by private clubs.
[m] 2 of these counties are legally dry but permit sale by private clubs.

Sources: Bureau of the Census, U.S. Department of Commerce; Distilled Spirits Council of the United States, Inc.

Table 47. Number of Retail Outlets or Licenses Issued for the Sale of Distilled Spirits, Number of Outlets/Licenses per 1,000 Population, and Number of Persons per Outlet/License, 1981

State	Number of Outlets/Licenses				Total Population July 1, 1981 (000)	Number of Outlets/Licenses per 1,000 Population				Number of Persons per Outlet/License			
	On Premise	Off Premise	On and Off Premise	Total Licenses		On Premise	Off Premise	On and Off Premise	Total Licenses	On Premise	Off Premise	On and Off Premise	Total Licenses
LICENSE STATES													
Alaska	766	443	—	1,209	412	1.86	1.07	—	2.93	538	930	—	341
Arizona	2,598	1,262	—	3,860	2,794	0.93	0.45	—	1.38	1,075	2,214	—	724
Arkansas	516	682	—	1,198	2,296	0.22	0.30	—	0.52	4,450	3,367	—	1,917
California	14,053	11,248	—	25,301	24,196	0.58	0.46	—	1.05	1,722	2,151	—	956
Colorado	3,436	1,294	—	4,730	2,965	1.16	0.44	—	1.60	863	2,291	—	627
Connecticut	3,378	1,922	—	5,300	3,134	1.08	0.61	—	1.05	928	1,631	—	950
Delaware	435	293	180	908	598	0.73	0.49	0.30	1.52	1,375	2,041	3,322	659
Dist. of Columbia	869	357	—	1,226	631	1.38	0.57	—	1.94	726	1,768	—	515
Florida	1,208	544	5,830	7,582	10,183	0.13	0.05	0.57	0.74	7,955	18,719	1,747	1,343
Georgia*	1,674	1,420	—	3,094	5,574	0.30	0.25	—	0.56	3,330	3,925	—	1,802
Hawaii	1,051	754	—	1,805	981	1.07	0.77	—	1.84	933	1,301	—	543
Illinois	—	—	29,020	29,020	11,462	—	—	2.53	2.53	—	—	395	395
Indiana	1,150	1,677	3,399	6,226	5,468	0.21	0.31	0.62	1.14	4,755	3,261	1,609	878
Kansas	1,135	1,140	—	2,275	2,383	0.48	0.48	—	0.95	2,100	2,090	—	1,047
Kentucky	1,127	872	89	2,089	3,662	0.31	0.24	0.02	0.57	3,249	4,200	41,146	1,754
Louisiana	6,783	2,746	—	9,529	4,308	1.57	0.64	—	2.21	635	1,569	—	452
Maryland	559	964	3,229	4,752	4,263	0.13	0.23	0.76	1.11	7,626	4,422	1,320	897
Massachusetts	6,561	1,508	—	8,069	5,773	1.14	0.26	—	1.40	880	3,828	—	715
Minnesota	2,331	701	1,103	4,135	4,094	0.57	0.17	0.27	1.01	1,756	5,840	3,712	990
Missouri	—	3,981	4,132	8,113	4,941	—	0.81	0.84	1.64	—	1,241	1,196	609
Nebraska	430	527	1,985	2,942	1,577	0.27	0.33	1.26	1.87	3,667	2,992	794	536
Nevada	793	571	795	2,159	845	0.94	0.68	0.94	2.56	1,066	1,480	1,063	391
New Jersey	1,555	1,973	8,259	11,787	7,404	0.21	0.27	1.12	1.59	4,761	3,753	896	628
New Mexico**	169	67	1,243	1,479	1,328	0.13	0.05	0.94	1.11	7,858	19,821	1,068	898
New York*	23,766	4,395	—	28,161	17,602	1.35	0.25	—	1.60	741	4,005	—	625
North Dakota	115	86	1,020	1,221	658	0.17	0.13	1.55	1.86	5,722	7,651	645	539
Oklahoma	—	809	—	809	3,100	—	0.26	—	0.26	—	3,832	—	3,832
Rhode Island	1,441	309	—	1,750	953	1.51	0.32	—	1.84	661	3,084	—	545
South Carolina	1,468	1,220	—	2,688	3,167	0.46	0.39	—	0.85	2,157	2,596	—	1,178
South Dakota	825	572	—	1,397	686	1.20	0.83	—	2.04	832	1,199	—	491
Tennessee	902	567	—	1,469	4,612	0.20	0.12	—	0.32	5,113	8,134	—	3,140
Texas	7,738	3,663	—	11,401	14,766	0.52	0.25	—	0.77	1,908	4,031	—	1,295
Wisconsin	12,638	1,702	—	14,340	4,742	2.67	0.36	—	3.02	375	2,786	—	331
Subtotal License States	**101,470**	**50,269**	**60,284**	**212,023**	**161,558**	**0.63**	**0.31**	**0.37**	**1.31**	**1,592**	**3,214**	**2,680**	**762**
CONTROL STATES													
Alabama	2,139	130	—	2,269	3,917	0.55	0.03	—	0.58	1,831	30,131	—	1,726
Idaho	885	131	—	1,016	959	0.92	0.14	—	1.06	1,084	7,321	—	944
Iowa	4,491	213	—	4,704	2,899	1.55	0.07	—	1.62	646	13,610	—	616
Maine	1,116	127	—	1,243	1,133	0.98	0.11	—	1.10	1,015	8,921	—	912
Michigan	9,060	3,790	—	12,850	9,204	0.98	0.41	—	1.40	1,016	2,428	—	716
Mississippi	564	653	—	1,217	2,531	0.22	0.26	—	0.48	4,488	3,876	—	2,080
Montana	—	146	1,504	1,650	793	—	0.18	1.90	2.08	—	5,432	527	481
New Hampshire	989	69	—	1,058	936	1.06	0.07	—	1.13	946	13,565	—	885
North Carolina	1,034	377	—	1,411	5,953	0.17	0.06	—	0.24	5,757	15,790	—	4,219
Ohio	11,788	431	—	12,219	10,781	1.09	0.04	—	1.13	915	25,014	—	882
Oregon	1,475	226	—	1,701	2,651	0.56	0.09	—	0.64	1,797	11,730	—	1,558
Pennsylvania	19,289	729	—	20,018	11,871	1.62	0.06	—	1.69	615	16,284	—	593
Utah	155	108	156	419	1,518	0.10	0.07	0.10	0.28	9,794	14,056	9,731	3,623
Vermont	1,022	63	—	1,085	516	1.98	0.12	—	2.10	505	8,190	—	476
Virginia	1,978	250	—	2,228	5,430	0.36	0.05	—	0.41	2,745	21,720	—	2,437
Washington	2,395	368	—	2,763	4,217	0.57	0.09	—	0.66	1,761	11,459	—	1,526
West Virginia	1,245	167	—	1,412	1,952	0.64	0.09	—	0.72	1,568	11,689	—	1,382
Wyoming	684	107	176	967	492	1.39	0.22	0.36	1.97	719	4,598	2,795	509
Subtotal Control States	**60,309**	**8,085**	**1,836**	**70,230**	**67,753**	**0.89**	**0.12**	**0.03**	**1.04**	**1,123**	**8,380**	**36,903**	**965**
TOTAL UNITED STATES	**161,779**	**58,354**	**62,120**	**282,253**	**229,307**	**0.71**	**0.25**	**0.27**	**1.23**	**1,417**	**3,930**	**3,691**	**812**

NOTE: Because of rounding, detail may not add to total.
*Georgia and New York outlet data are for 1979.
**New Mexico outlet data are for 1980.

Table 48. Legal Minimum Age for Purchases of Distilled Spirits and Legal Age Population by State, July 1981

State	Legal Age Minimum	Legal Age Population (000)
License States		
Alaska	19	271
Arizona	19	1,942
Arkansas	21	1,512
California	21	16,426
Colorado	21	1,977
Connecticut	18	2,333
Delaware	20	411
District of Columbia	21	452
Florida	19	7,602
Georgia	19	3,821
Hawaii	18	703
Illinois	21	7,630
Indiana	21	3,578
Kansas	21	1,600
Kentucky	21	2,391
Louisiana	18	2,965
Maryland	21	2,877
Massachusetts	20	4,095
Minnesota	19	2,868
Missouri	21	3,320
Nebraska	20	1,074
Nevada	21	577
New Jersey	19	5,334
New Mexico	21	832
New York	18	13,021
North Dakota	21	429
Oklahoma	21	2,059
Rhode Island	20	678
South Carolina	21	2,039
South Dakota	21	444
Tennessee	19	3,251
Texas	19	10,070
Wisconsin	18	3,408
Subtotal License States		**111,990**

State	Legal Age Minimum	Legal Age Population (000)
Control States		
Alabama	19	2,699
Idaho	19	632
Iowa	19	2,039
Maine	20	775
Michigan	21	6,012
Mississippi	21	1,578
Montana	19	549
New Hampshire	20	645
North Carolina	21	3,964
Ohio	21	7,159
Oregon	21	1,799
Pennsylvania	21	8,188
Utah	21	862
Vermont	18	373
Virginia	21	3,652
Washington	21	2,844
West Virginia	18	1,400
Wyoming	19	331
Subtotal Control States		**45,501**
Total United States		**157,491**

Source: Bureau of the Census, U.S. Department of Commerce; Distilled Spirits Council of the United States, Inc.

Table 49. Summary of Local Option Changes by State, 1981

State and County	Type of Change	County Population (000)	Wet to Dry: Number of Counties	Wet to Dry: County Population (000)	Dry to Wet: Number of Counties	Dry to Wet: County Population (000)	Net Gain for Legal Sales: Number of Counties	Net Gain for Legal Sales: County Population (000)
Alabama			0	0	1	55	1	55
Colbert	Dry to Wet	55						
Georgia			0	0	3	20	3	20
Clay	Dry to Wet	4						
Wheeler	Dry to Wet	5						
Wilkes	Dry to Wet	11						
Kentucky			0	0	2	70	2	70
Boyd	Dry to Wet	56						
Magoffin	Dry to Wet	14						
North Carolina			0	0	1	30	1	30
Bladen	Dry to Wet	30						
Virginia			0	0	2	39	2	39
King & Queen	Dry to Wet	6						
Smyth	Dry to Wet	33						
Total		**214**	**0**	**0**	**9**	**214**	**9**	**214**

Compiled from county population estimates for July 1, 1980, and based on status as of Dec. 31, 1981.

Sources: Bureau of the Census, U.S. Department of Commerce; Distilled Spirits Council of the United States, Inc.

GLOSSARY

Alcohol—see *Neutral spirits.*

Apparent consumption—estimate of wine gallons of distilled spirits approaching final consumption. Measured in most *License States* by actual gallonage on which taxes are collected at the wholesale level or by tax collections, also at wholesale, where gallonage is estimated by dividing revenues collected by tax rates per gallon. In Alaska, Georgia, Hawaii, Missouri, South Carolina, and South Dakota, consumption represents sales by distillers to wholesalers and in Wisconsin sales by wholesalers to retailers. *Control State* consumption is measured by retail sales in state liquor stores except in Mississippi and Wyoming where it is sales to private retailers by state-operated warehouses. Actual personal consumption takes place after tax collections and wholesale shipments are made. Stock changes at retail and in the home are not included in the estimates.

BATF (Bureau of Alcohol, Tobacco and Firearms)—agency in the U.S. Treasury Department which, at the Federal level, regulates the production and marketing of distilled spirits and enforces regulations governing business operations of distillers.

Brandy—an alcohol distillate from the fermented juice, mash, or wine of fruit, or from the residue thereof, produced at less than 190° proof in such manner that the distillate possesses the taste, aroma, and characteristics generally attributed to the product, and bottled at not less than 80° proof. Fruit brandy derived from grapes may be designated *grape brandy* or *brandy.* Fruit brandy, other than grape brandy, derived from one variety of fruit, should be designated by the word "brandy" qualified by the name of such fruit (for example, "peach brandy"), except that "apple brandy" may be designated **applejack.**

Cognac—grape brandy distilled in the Cognac region of France, which is entitled to be so designated by the laws and regulations of the French Government.

Neutral brandy—brandy produced at more than 170° proof.

Cocktails and mixed drinks—alcohol beverages produced by mixing one or more alcohol beverage (whiskey, gin, vodka, rum, brandy, liqueurs, wine, or beer) with or without flavorings, eggs, non-alcohol beverages, juices, or water.

Cognac—see *Brandy.*

Commercial exports—shipments of distilled spirits to foreign destinations for commercial resale, exclusive of shipments to U.S. military and diplomatic stations overseas.

Consumer Price Index—U.S. Government (Bureau of Labor Statistics) index based on retail prices across the country inclusive of taxes. Prices of particular items or categories are generally weighted by sales volume during the 1967 base year.

Control States—eighteen states in which a government monopoly exists for off-premise sales of distilled spirits at retail or wholesale levels or both. Beer and wine generally sold in private outlets as well as in state stores. On-premise sales are in private outlets—bars, restaurants, cocktail lounges, etc. Currently, the Control State jurisdictions are Alabama, Idaho, Iowa, Maine, Michigan, Mississippi, Montana, New Hampshire, North Carolina, Ohio, Oregon, Pennsylvania, Utah, Vermont, Virginia, Washington, West Virginia, Wyoming, and Montgomery County, Maryland.

Cordials—see *Liqueurs and cordials.*

Distillation—partial vaporization and condensation to concentrate beverage spirits through separation from water and other fermented components.

Ethyl alcohol vaporizes at 172.9 degrees Fahrenheit (78.3 degrees Celsius). When the fermented liquid is heated to the boiling point of the alcohol mixture, but below that of water, the vapors of alcohol and the desired flavor components can be drawn off and condensed.

Distillers' dried grains—residues that result from drying the solids and liquids remaining after distillation.

Excise tax—tax levied on commodities and services. The Federal excise tax on distilled spirits is $10.50 per *proof* gallon.

License and Control States and the District of Columbia levy excise taxes on distilled spirits on the basis of wine gallons or value.

Gin—a product obtained by original distillation from mash, or by redistillation of distilled spirits, or by mixing neutral spirits, with or over juniper berries and other aromatics, or extracts, including mixtures of gin and neutral spirits. Gin must derive its main characteristic flavor from juniper berries and must be bottled at not less than 80° proof.

Grain spirits—neutral spirits distilled from a fermented mash of grain and stored in oak containers. Qualities developed during storage distinguish grain spirits from *grain neutral spirits.*

Import duty—levy assessed on products imported into the United States. Import duties on distilled spirits are assessed on a proof-gallon basis.

License State—state where private individuals can secure licenses to conduct all phases of wholesale and retail sales of beverage alcohol. Thirty-two states and the District of Columbia have this system. Wyoming and Mississippi issue licenses for private sales at retail but sales at wholesale are by state-operated warehouses.

Liqueurs and cordials—products obtained by mixing or redistilling distilled spirits with or over fruits, flowers, plants, pure juices, natural flavoring materials, and extracts with content of sugar, dextrose, or levulose, or combinations not less than 2½ percent by weight of the finished product.

Local option—choice of whether to permit sale of distilled spirits, wine, or beer as decided by local voters in 39 states on the basis of laws or state constitutional provisions adopted after Repeal in 1933.

Neutral spirits or **alcohol**—distilled spirits produced from any material at very high proof (190 proof or above), lacking any distinctive taste, color, or odor and thus being neutral in character. These spirits are used for blending with straight whiskey, brandy, etc., and for making gin, vodka, liqueurs, etc. Legally, *vodka* and *grain spirits* are types of *neutral spirits.*

Off-premise outlet—retail establishment selling alcohol beverages in bottles, cans or other consumer size containers to be consumed in locations other than the retail establishment.

On-premise outlet—retail establishment where alcohol beverages are consumed on the premises—generally taverns, bars and grills, restaurants, clubs, etc. In some states these outlets also have licenses to sell for off-premise consumption.

Processing—includes blending of spirits, redistillation of spirits, mixing of spirits with flavoring or coloring materials and bottling.

For example, blended whiskeys are processed by blending (mixing) straight whiskeys with neutral spirits, flavorings, etc. Spirits are *redistilled* to obtain flavoring as in the production of gin. Neutral and other spirits are transformed into liqueurs or cordials by the addition of flavoring essences and other materials.

Proof—a measure of the amount of alcohol in spirits. The stated proof is twice the percentage of alcohol by volume. Thus, a whiskey of 100 proof is 50 percent alcohol by volume.

Most classes of spirits (neutral spirits, grain neutral spirits, vodka, all types of whiskey, gin, brandy, rum, and tequila) are now bottled at not less than 80 proof.

Liqueurs, cocktails, and bitters are usually less than 80 proof. Rye and bourbon liqueurs cannot be less than 60 proof according to U.S. Government regulations. Rock and rye, rock and brandy, etc., may be not less than 48 proof. *Flavored* vodka, gin, rum, and other spirits may not be less than 70 proof. There is no minimum proof required for cocktails or sloe gin.

Proof gallon—standard U.S. gallon of 231 cubic inches at 60 degrees Fahrenheit containing 50 percent (100 proof) by volume of ethyl alcohol. *See, also, Wine gallon, Tax gallon.*

Rum—an alcohol distillate from the fermented juice of sugar cane, sugar cane syrup, sugar cane molasses, or other sugar cane by-products, produced at less than 190° proof in such manner that the distillate possesses the taste, aroma, and characteristics generally attributed to rum, and bottled at not less than 80° proof; also includes mixtures solely of such distillates.

Strip stamp—paper stamp of the U.S. Bureau of Alcohol, Tobacco, and Firearms, affixed over the closure of a bottle of distilled spirits. Green stamps are used for bottled-in-bond spirits. Red stamps are used for most other distilled spirits.

Supplier price index—index calculated by the Distilled Spirits Council of the United States of prices charged wholesalers for distilled spirits by distillers, importers, and other suppliers, inclusive of Federal excise tax and import duty.

Tax gallon—unit of distilled spirits on which the Federal excise tax is levied. Since the Federal excise tax is based on a proof gallon, a tax gallon is synonymous with a proof gallon. All distilled spirits are now taxed at $10.50 per proof gallon by the Federal government. Before Jan. 1, 1980, imports of bottled distilled spirits were taxed at $10.50 per *wine* gallon regardless of proof.

Tequila—an alcohol distillate from a fermented mash derived principally from the *Agave tequilana weber* ("blue" variety), with or without additional fermentable substances, distilled in such a manner that the distillate possesses the taste, aroma, and characteristics generally attributed to tequila and bottled at not less than 80 proof; also includes mixtures solely of such distillates. Tequila is a distinctive product of Mexico, manufactured in Mexico in compliance with the laws of Mexico.

UNIMERC—Universal Numeric Coding System—a 21-digit code for distilled spirits, beer, and wine that identifies class, type, brand, supplier, proof, age, size, and type of packaging. This code is used extensively for identification of products of the alcohol beverage industry. The Distilled Spirits Council of the United States, Inc., assigns the codes and maintains records of code assignments.

UPC—Universal Product Code—a 10-digit number and a machine readable bar symbol representing this number, which uniquely identifies a product for purposes of pricing at retail point of sale and for recording inventory. In the distilled spirits and wine industries, the first five digits start with 8 followed by the four-digit vendor number of the producer or importer. The last five digits are assigned to each product sold by each producer and importer of distilled spirits and wine. Symbols and numbers are affixed to bottles, boxes, and cases to identify a particular product, its importer, and its brand and size.

Value added—a measure of labor, capital, and entrepreneurial additions to product value.

Vodka—a type of neutral spirits so distilled or treated after distillation with charcoal or other materials as to be without distinctive character, aroma, taste, or color.

Wet county—county (or other governmental jurisdiction) whose voters have approved the legal sale of beverage alcohol. Excludes jurisdictions allowing sale only in private clubs.

Whiskey (American, Irish) or Whisky (Scotch, Canadian)—alcohol distillate from a fermented mash of grain, distilled at less than 190 proof in such manner that the distillate possesses the taste, aroma, and characteristics generally attributed to whiskey. Aged in oak barrels (except *corn whiskey*) and bottled at not less than 80 proof.

American

Bourbon whiskey—whiskey produced at not exceeding 160 proof from a fermented mash of not less than 51 percent corn, and stored at not more than 125 proof in charred new oak containers; also includes mixtures of such whiskies of the same type.

Rye whiskey—same as bourbon except that it must be produced from not less than 51 percent rye.

Corn whiskey—whiskey produced at not exceeding 160 proof from a fermented mash of not less than 80 percent corn grain, and if stored in oak containers, stored at not more than 125 proof in used or uncharred new oak containers and not subjected in any manner to treatment with charred wood.

Light whiskey—whiskey produced in the United States at more than 160 proof, on or after Jan. 26, 1968, and stored in used or uncharred new oak containers.

Straight whiskey—whiskeys which have been stored in new oak containers, for a period of 2 years or more may be further designated as *straight*, for example, "straight bourbon whiskey", "straight corn whiskey".

Blended whiskey—a mixture which contains at least 20 percent of straight whiskey on a proof gallon basis and neutral spirits, light or other whiskeys and possibly flavorings.

Bonded whiskey—whiskey (not blended) that has been stored continuously for at least four years in wooden barrels and bottled at 100 proof. After storage, such whiskey is entitled to be labeled as bottled in bond and sealed with the U.S. Government's green strip stamp.

The term bottled in bond is not a guarantee of quality, but refers only to the regulatory procedure under which it is bottled.

Foreign (imported) whiskey

Scotch, Irish, Canadian whiskey—distinctive products of Scotland, Ireland, and Canada, respectively, manufactured in compliance with the laws of these countries.

Wine gallon (bulk gallon)—measure of liquid volume, regardless of alcohol content. The standard U.S. wine gallon contains 231 cubic inches at 60°F. *See also Proof gallon, Tax gallon.*

Withdrawals—tax-paid withdrawals are the quantity of distilled spirits removed from government-inspected premises on which Federal excise taxes were determined and paid at time of withdrawal. Tax-free withdrawals are withdrawals which have been exempted from payment of the Federal excise tax. Examples of tax-free withdrawals are denatured alcohol, shipments destined for export, alcohol for use in hospitals, and distilled spirits for use by the United States Government.

The all-in-bond system of taxation introduced in 1980 shifted the point at which *withdrawals* are measured to the point of shipment of packaged products. Formerly measurement was at the point of dumping for processing and bottling.

SELECTED PRIMARY STATISTICAL SOURCES

This bibliography lists the primary sources of statistics on distilled spirits that have come to the attention of the editors. Additional source materials will be included in future editions as information on other sources is obtained.

Association of Canadian Distillers, The
Canadian and Imported Spirits: the Five-Year Summary, 1974-1978
Canadian spirits' market by class, sales by province by class, domestic and imported sales by province and class, per capita consumption by province, whisky cost breakdown, excise duties and taxes, consumer price indices, exports by country of destination.

Brewers Association of Canada
Alcohol Beverage Taxation and Control Policies: International Survey
Per capita consumption of alcohol beverages and other statistics for Austria, Belgium, Canada, Czechoslovakia, Denmark, Finland, France, Hungary, Ireland, Italy, Japan Netherlands, New Zealand, Norway, Poland, Spain, Sweden, Switzerland, United Kingdom, United States, and West Germany.

Brewers' Society, The
United Kingdom Statistical Handbook
Beer production and consumption; brewing materials; wines, spirits, cider, soft drinks, inter-drink comparisons; prices and expenditures; excise and customs duties on beer, wine, spirits; licensing statistics; drunkenness statistics; population in the United Kingdom; structure of the U.K. brewing industry; international statistics on beer production and consumption; wine and distilled spirits consumption.

Bureau of Alcohol, Tobacco and Firearms, U.S. Department of the Treasury
Monthly Statistical Report – Distilled Spirits (Report 76)
Distilled Spirits production by class and type, bottling for domestic use and export, stocks, strip stamp usage by container size, materials used in production.

Bureau of Alcohol, Tobacco and Firearms, U.S. Department of the Treasury
Summary Statistics: Distilled Spirits, Wine, Beer, Tobacco, Firearms, Enforcement, Taxes ATF P 1323.1 (annual)
Distilled spirits plants, materials used, production, bottling, withdrawals, losses and stocks; *breweries*, materials used, production, removals and stocks; *wineries*, *wine cellars*, materials used, production, withdrawals, losses, stocks.

California Brandy Advisory Board (CBAB) (Prepared by the Wine Institute for CBAB)
Brandy Statistics (monthly)
Brandy production, withdrawals, and inventories.

Cognac, Bureau National du; Division de la Statistique et du Controle des Ages
Cognac Statistiques Années Civiles (annual)
Cognac sales and exports by country of destination.

Cognac, Bureau National du
Rapport sur la Situation et l'Évaluation du Marché du Cognac et du Pineau des Charentes (annual)
History, description, and delimitation of the Cognac district of France; regulations governing production and distribution of Cognac; Cognac and brandy production, stocks, sales, consumption, taxation, and exports by country of destination, 1946-1979/80.

Commerce Clearing House, Inc.
State Tax Handbook
Includes tax laws and provisions on distilled spirits by state.

Commerce Clearing House, Inc.
State Tax Review (weekly)
Includes tax law changes affecting spirits.

DISCUS
Facts Book: Public Attitudes and Economic Patterns (annual)
Legal age population; industry contributions to the economy and to other industries; price changes; consumers' tax burden; consumer expenditures on alcohol beverages; sales and consumption of distilled spirits; Federal, state, and local revenues from alcohol beverages.

DISCUS
Public Revenues From Alcohol Beverages (annual)
Federal, state, and local revenues from distilled spirits, wine, and beer, current and historical; import duties, Federal and License State excise rates; per capita apparent consumption; and state and local tax structures by state.

DISCUS
Summary of State Laws and Regulations Relating to Distilled Spirits (every two years)
A detailed presentation of laws and regulations, including controlling agencies, local options, advertising control, retail licenses, prohibited hours of sale, markups, taxes, licenses, registration of brands, credit restrictions, resale price maintenance, and legal age.

DISCUS
Tax Briefs (annual)
Current and historical data on Federal excise taxes on distilled spirits, wine and beer; U.S. import duties; state and local revenues from distilled spirits; state tax rates.

DISCUS
Universal Numeric Code for Alcohol Beverages, Part I Distilled Spirits
Comprehensive list of distilled spirits vendors and brands.

Gavin-Jobson Associates, Inc.
The Liquor Handbook (annual)
Marketing data for the United States.

National Alcoholic Beverage Control Association, Inc.
Monthly Sales Report of Alcoholic Beverages
Annual Summary of Sales of Alcoholic Beverages in the Control State Store Systems
Monthly and annual, for each state: distilled spirits' brand leaders arrayed and ranked by case sales; case sales of distilled spirits and wines by class, type, brand, bottle size, and vendor.

National Alcoholic Beverage Control Association, Inc.
Yearbook
Statistical section includes state control information, holidays, drinking age, number of state stores and agencies, sales, case sales, consumption, marketing trends, consumer size preferences, sales penetration by control state.

Produktschap voor Gedistilleerde Dranken
Consumption of Alcoholic Beverages throughout the World (How many alcoholic beverages are being consumed throughout the world?) (published in the Netherlands, annually).
Per capita consumption of spirits, beer, wine and alcohol beverages by country, annually; production of spirits, beer and wine by country; per capita consumption of spirits, beer and wine by country.

Statistics Canada
Canadian Statistical Review (monthly)
Canadian production of distilled spirits, producer price indices, distilleries.

Statistics Canada
Distilleries (Catalogue 32-206, annual)
Canadian production, stocks, raw materials, value added, wages.
The Control and Sales of Alcoholic Beverages in Canada (Catalogue 63-202, annual)
Canadian revenues, sales of wine, beer, and distilled spirits; production; storage; imports; exports.

United States Government
Department of Commerce, Bureau of the Census
Survey of Manufactures
Payroll, wages, value added, cost of materials, value of shipments, inventories, labor cost.
Distilled spirits except brandy

Glass Containers (monthly)
Production, shipments, and stocks by size including use for liquor
Monthly Retail Sales
Eating and drinking places
Drinking places (alcoholic beverages)
Liquor stores
Department of Commerce, Bureau of Economic Analysis
Survey of Current Business
Personal consumption expenditures
Alcoholic beverages for off-premise consumption
Other alcoholic beverages
Department of Labor, Bureau of Labor Statistics
Monthly Consumer Price Index
Whiskey
Monthly Producer Price Index
Alcoholic beverages
Whiskey
International Trade Commission
Tariff Schedules of the United States
Wine & Spirits Wholesalers of America, Inc.
Annual Performance Study
Wholesale sales by state, balance sheets by size of wholesale outlet, selected financial ratios, income statements, operating expenses by size of firm, sales by order size, costs per income, employment by size of firm, case statistics.